

7/5/20
2/65

000000000000000000

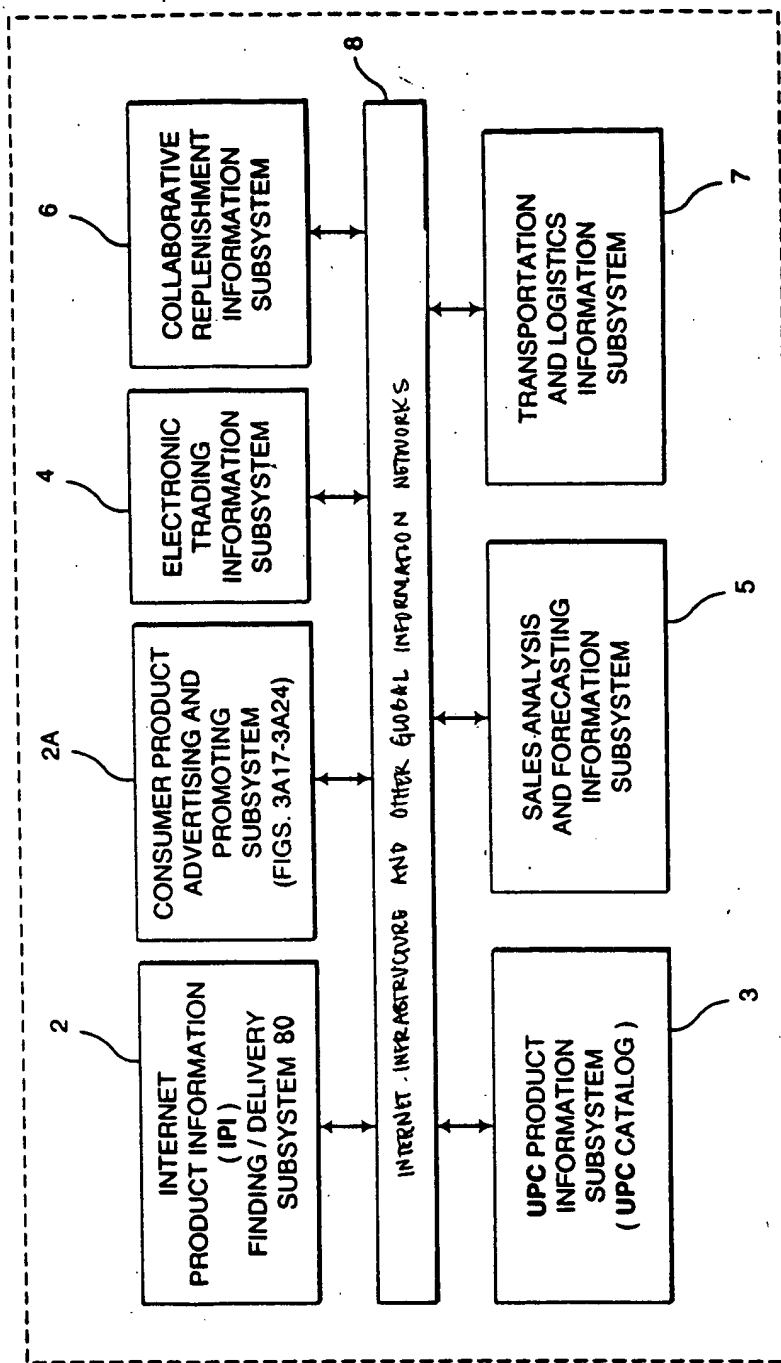


FIG. 1

FIRST ILLUSTRATIVE EMBODIMENT

0044885200

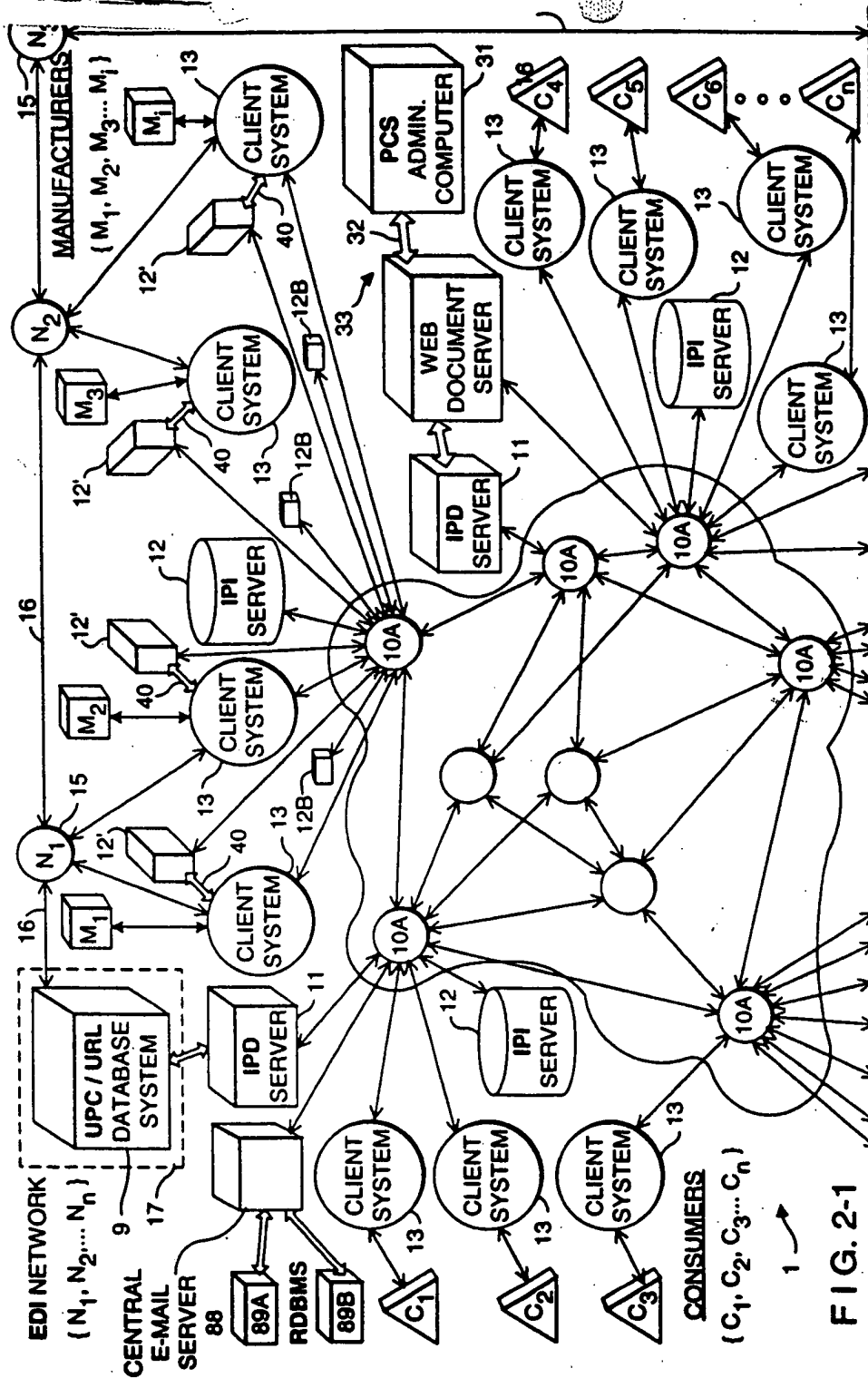


FIG. 2-1

00211-87891-200

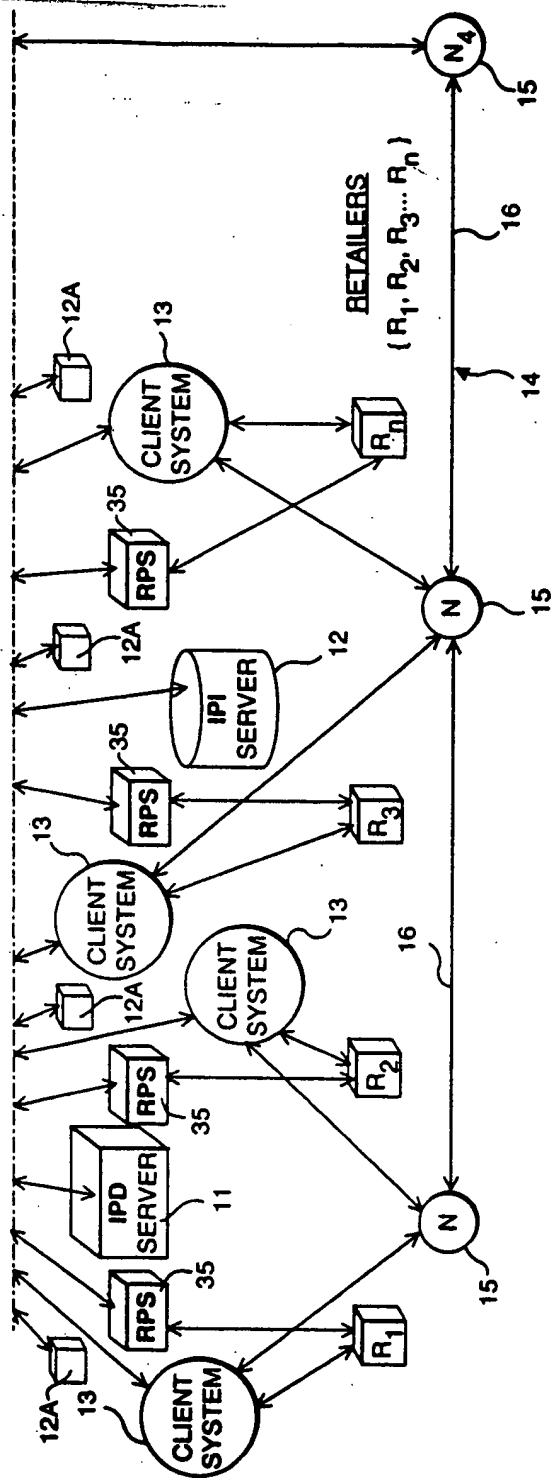


FIG. 2-2

00211-81051-200

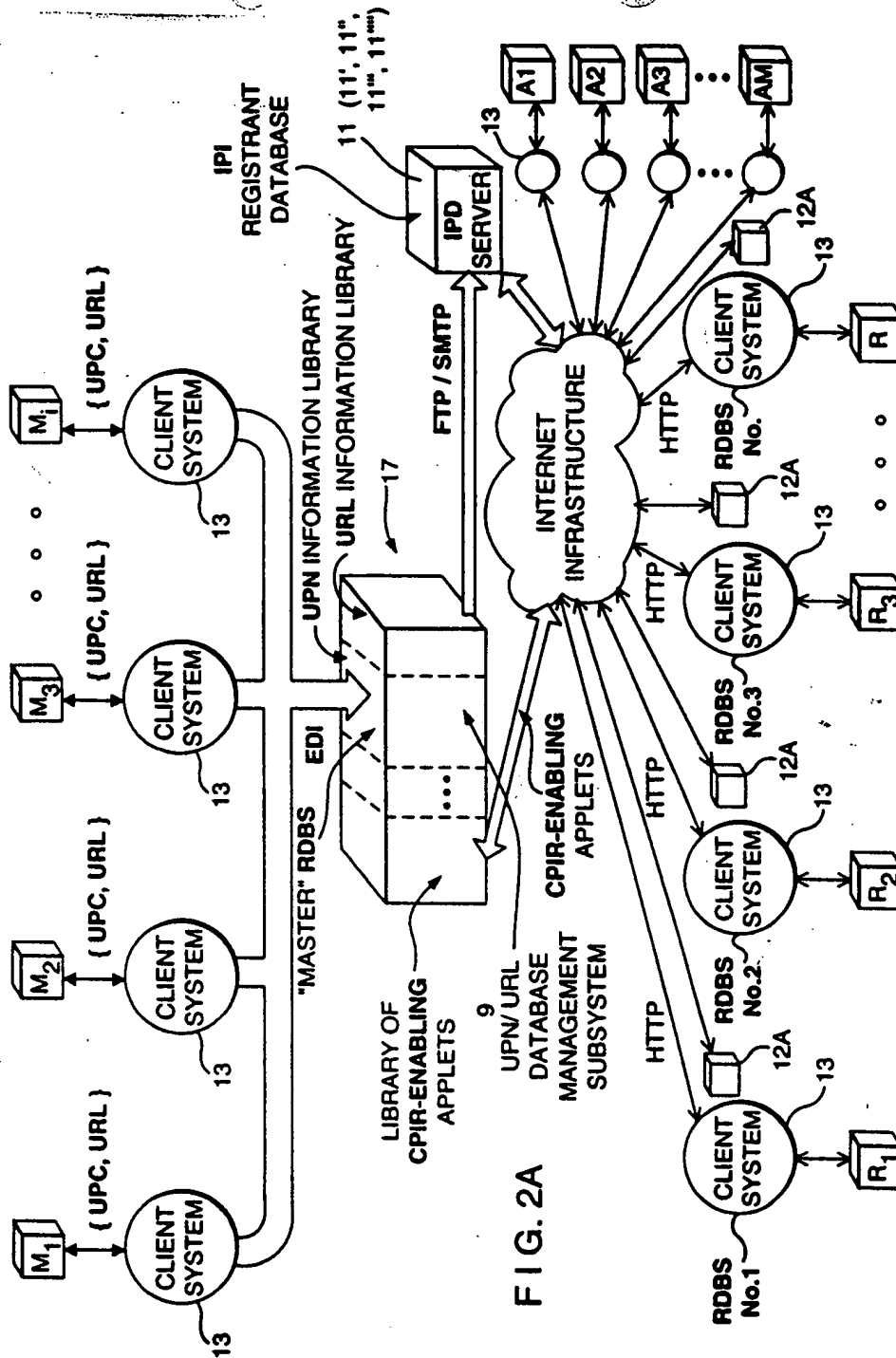
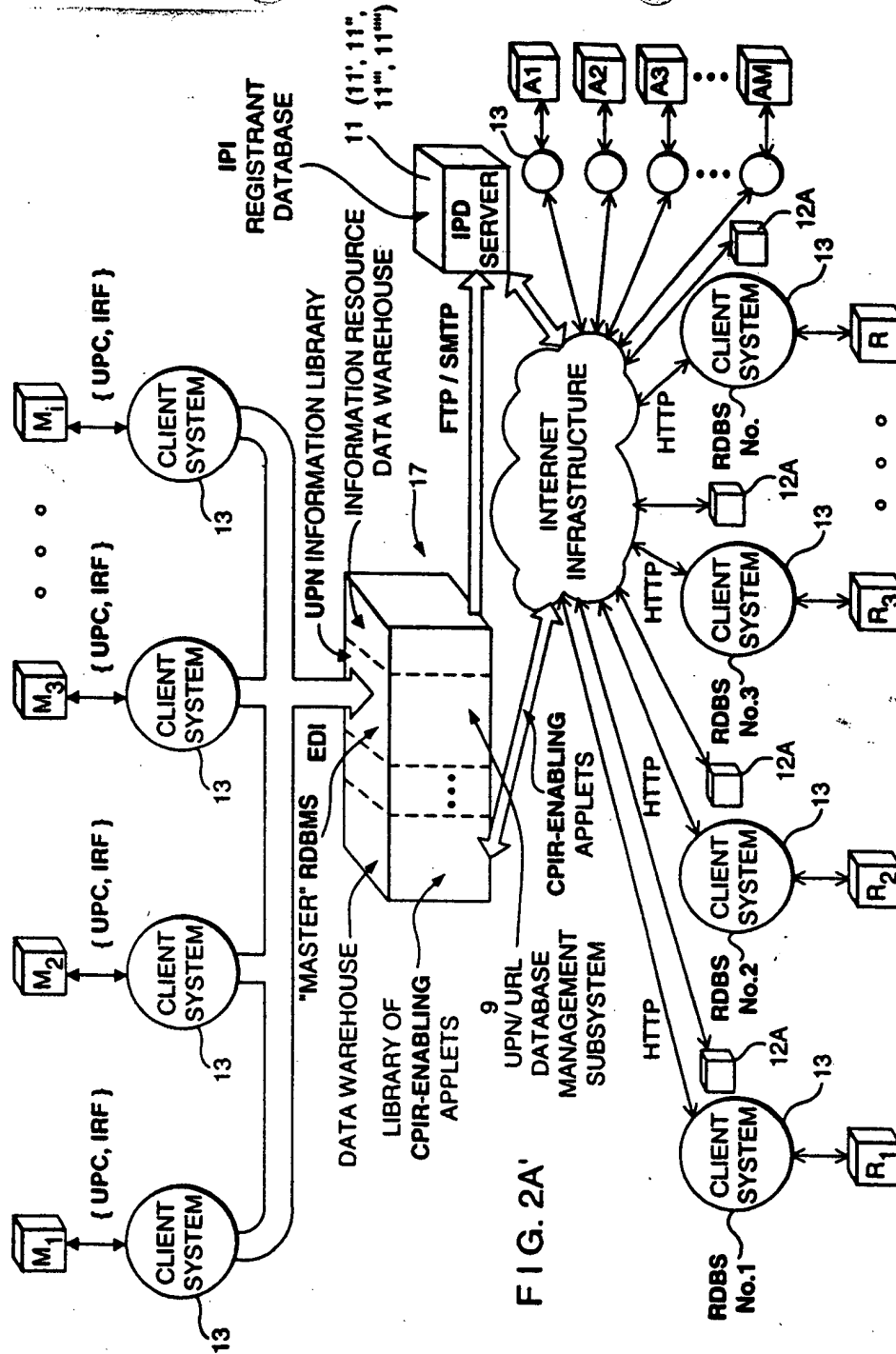


FIG. 2A

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00211-01051200



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00244-8755F200

MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM RDBMS
SERVER USING SERVER-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS

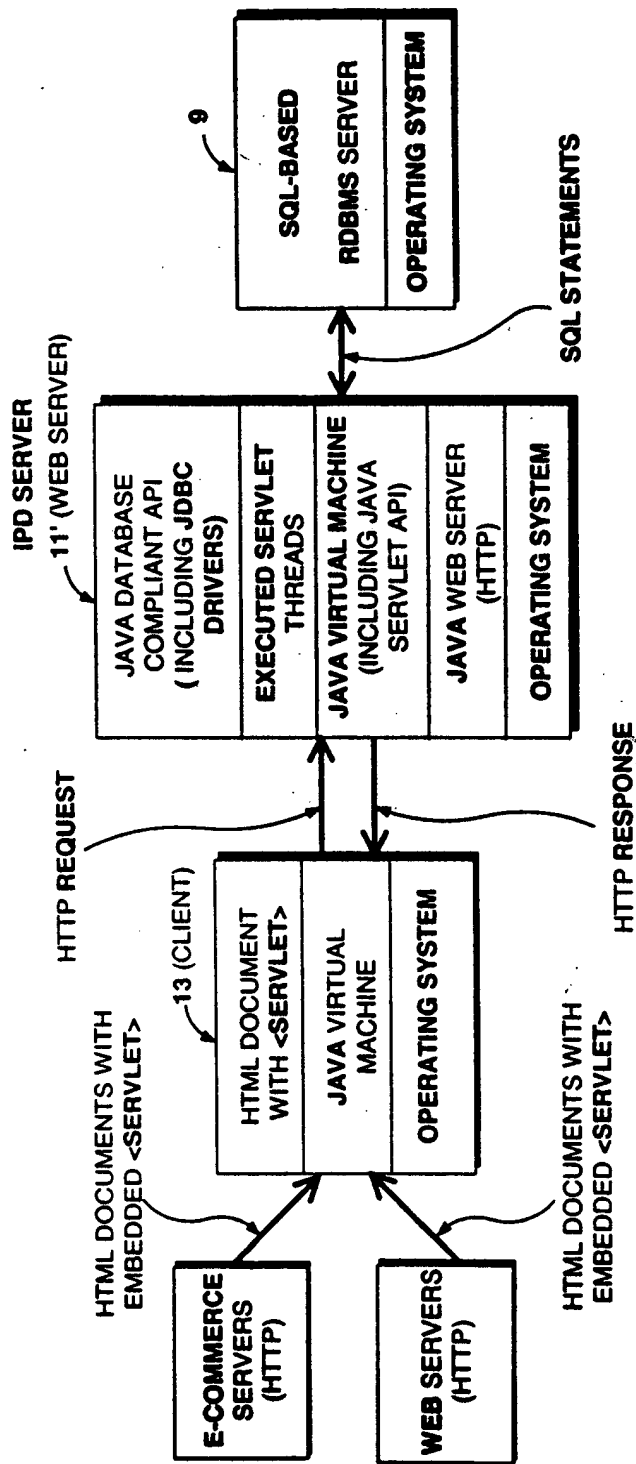


FIG. 2B1

002111 sheet 200

MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM RDBMS
SERVER USING CLIENT-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS AND CGI

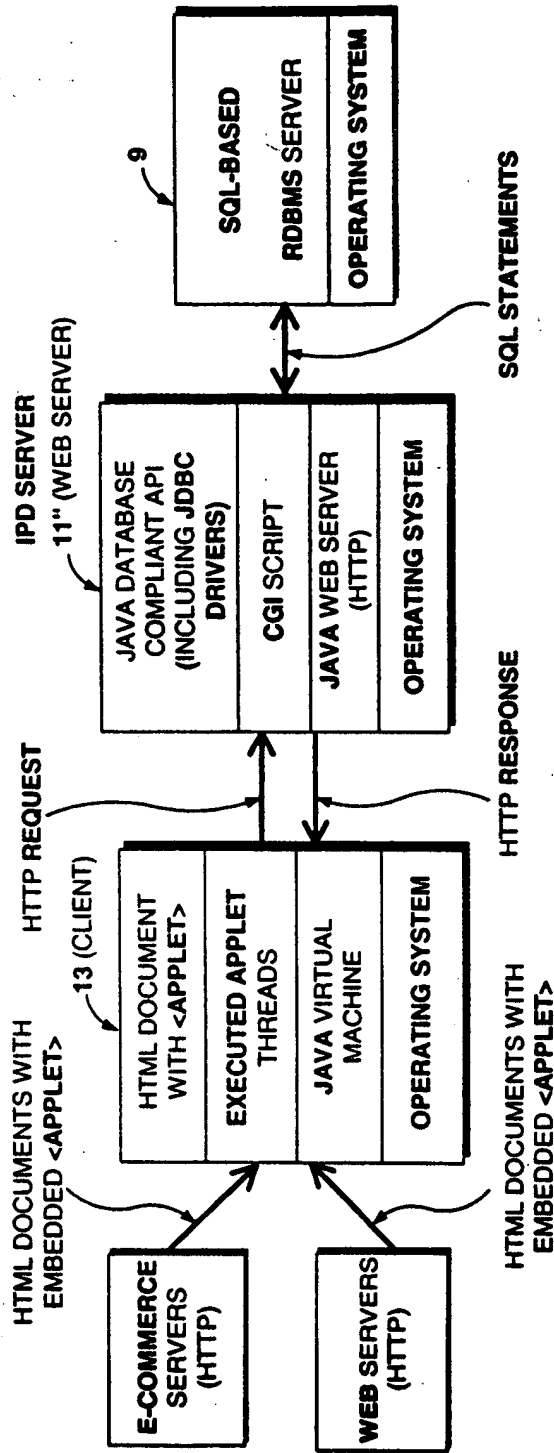


FIG. 2B2

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002111-87851260

MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM RDBMS SERVER USING
CLIENT-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS AND SOCKET CONNECTIONS

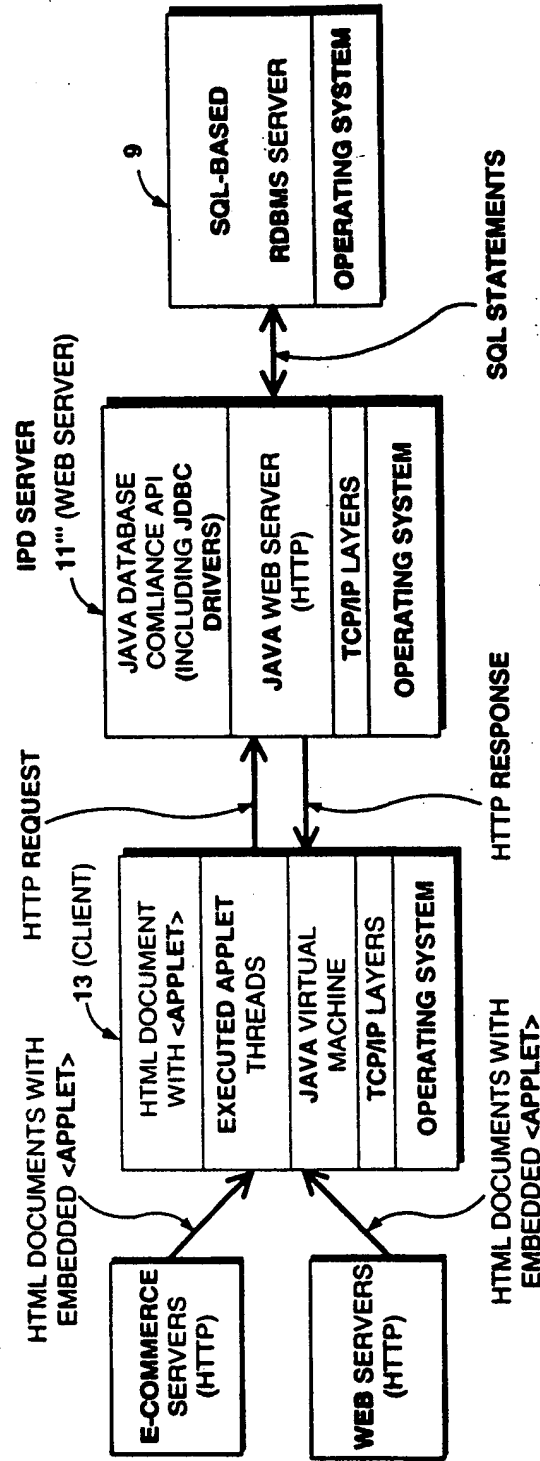


FIG. 2B3

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002118785F200

MECHANISM FOR ACCESSING CONSUMER PRODUCT INFORMATION FROM
RDBMS SERVER USING CLIENT-SIDE APPLETS EMBEDDED IN HTML DOCUMENTS
AND REMOTE METHOD OF INVOCATION (RMI) ON JAVA WEB SERVER

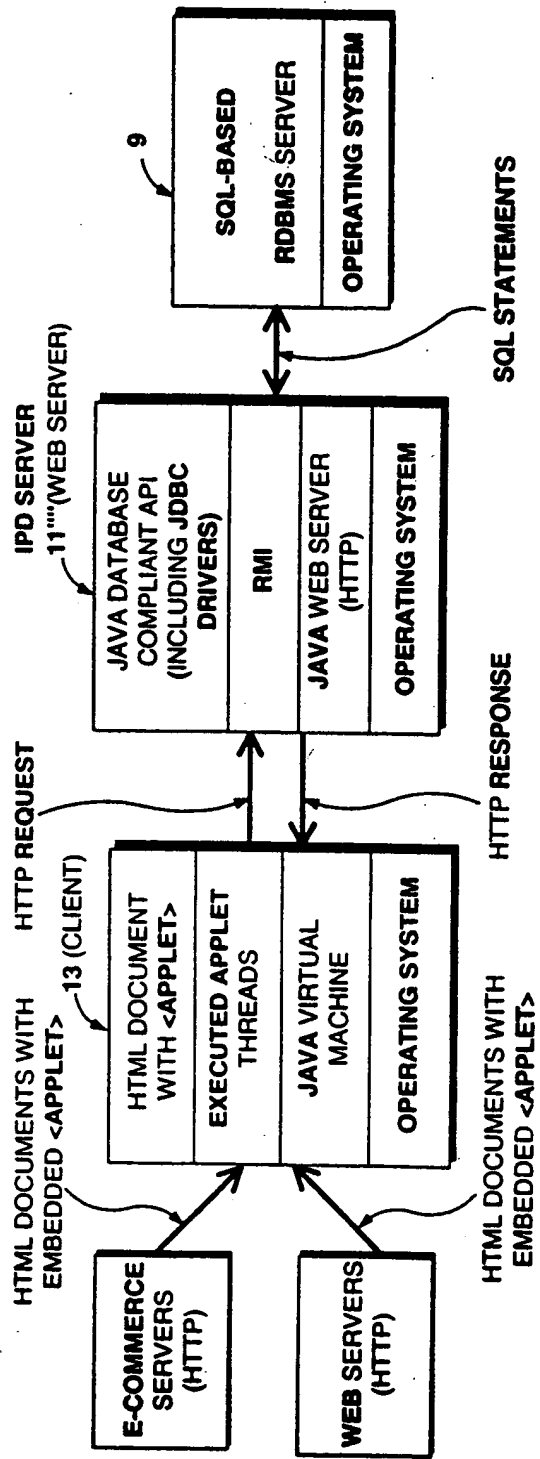


FIG. 2B4

002447 81081200

DISTRIBUTED METHOD AND SYSTEM OF UPC/URL MANAGEMENT OVER A LAN OR WAN

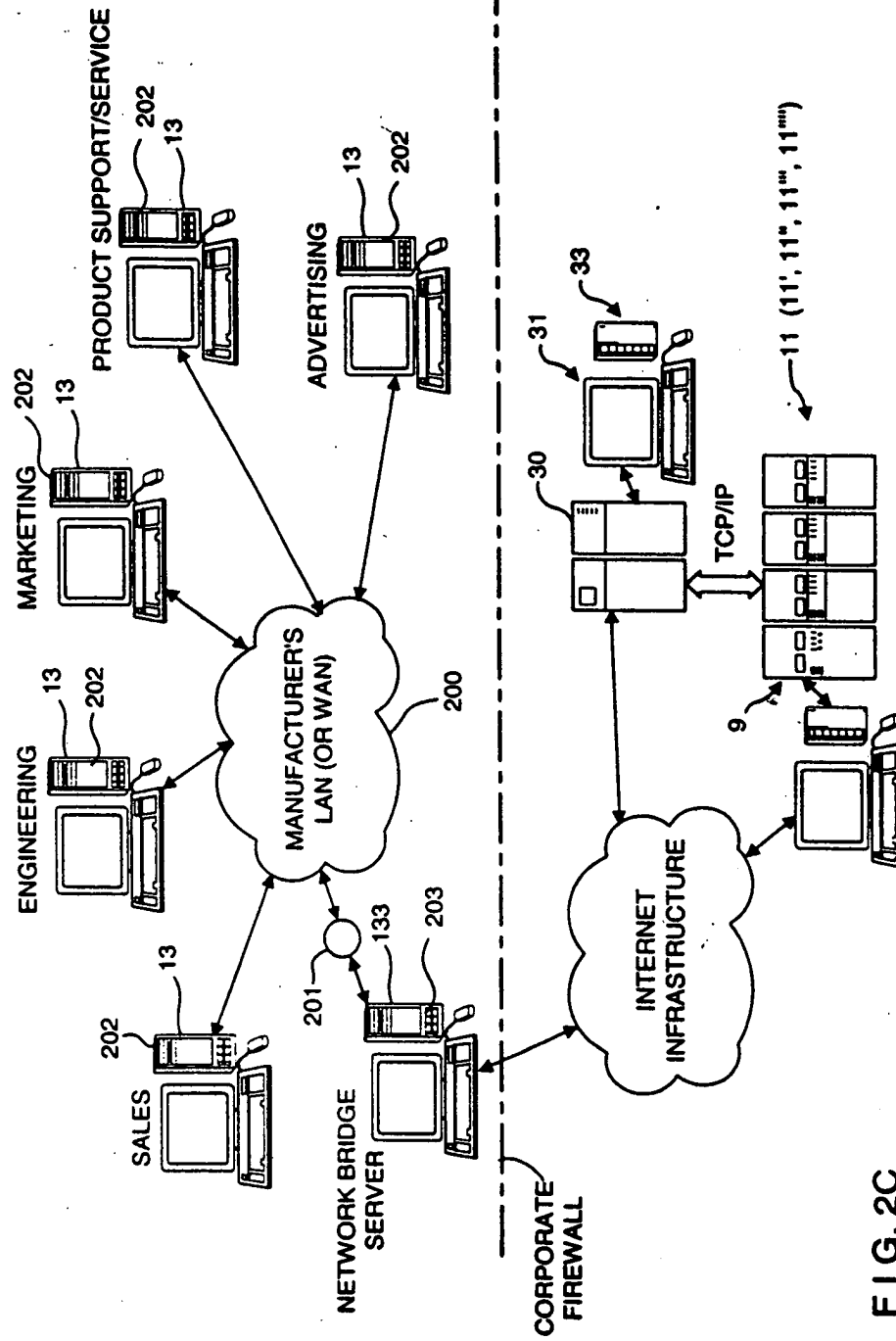


FIG. 2C

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00211 80851200

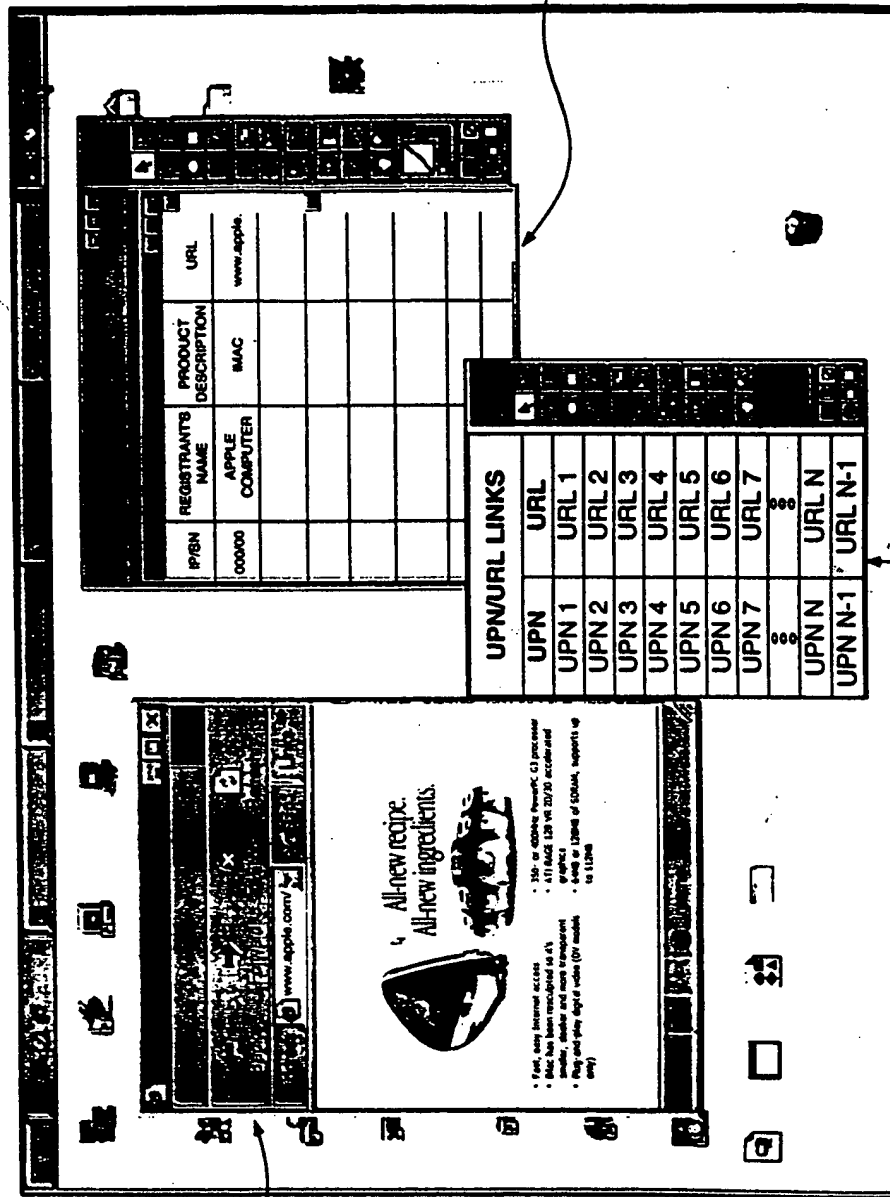


FIG. 2C1

12/173

00211-57857200

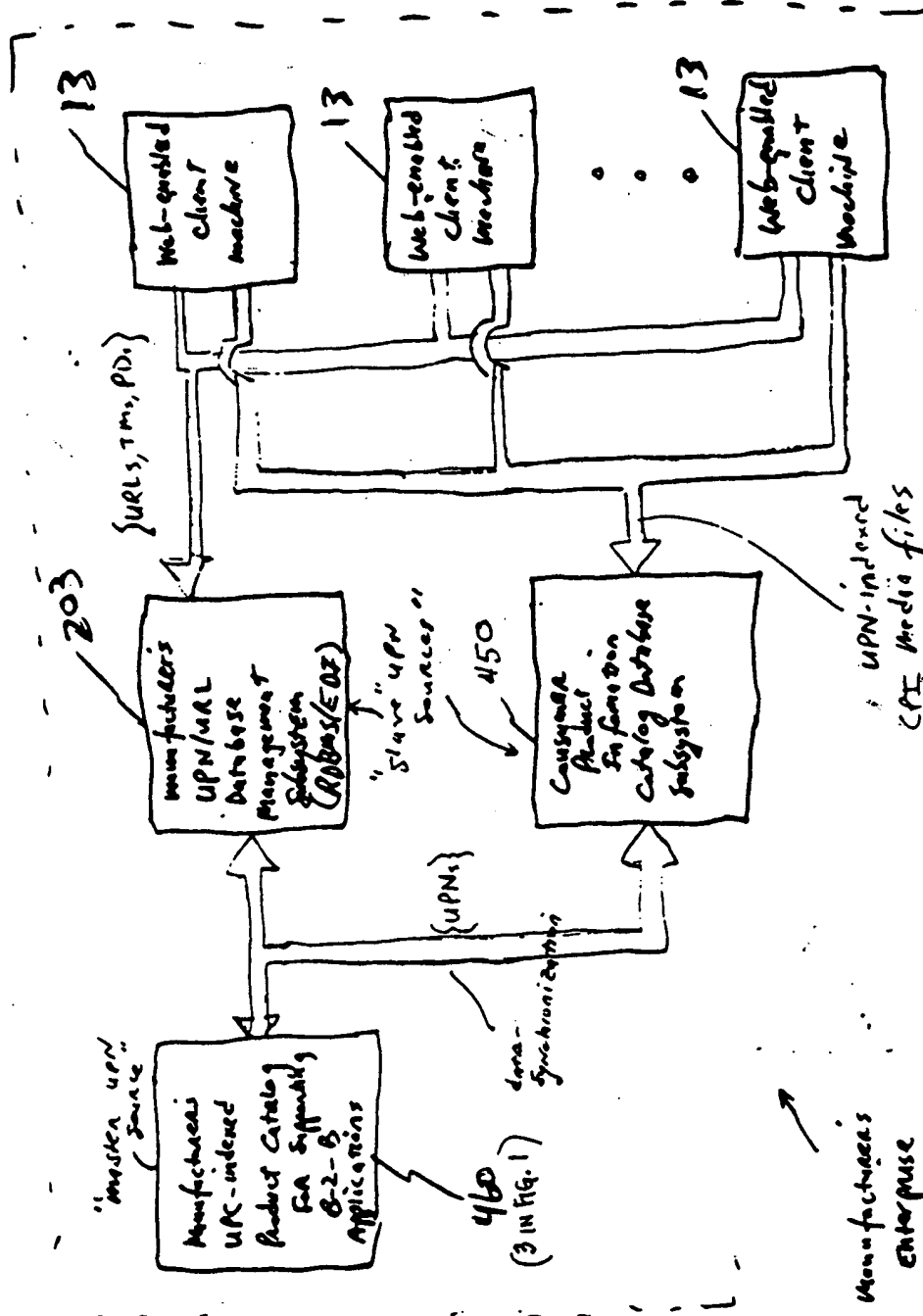


FIG. 2C2

00215046 11200

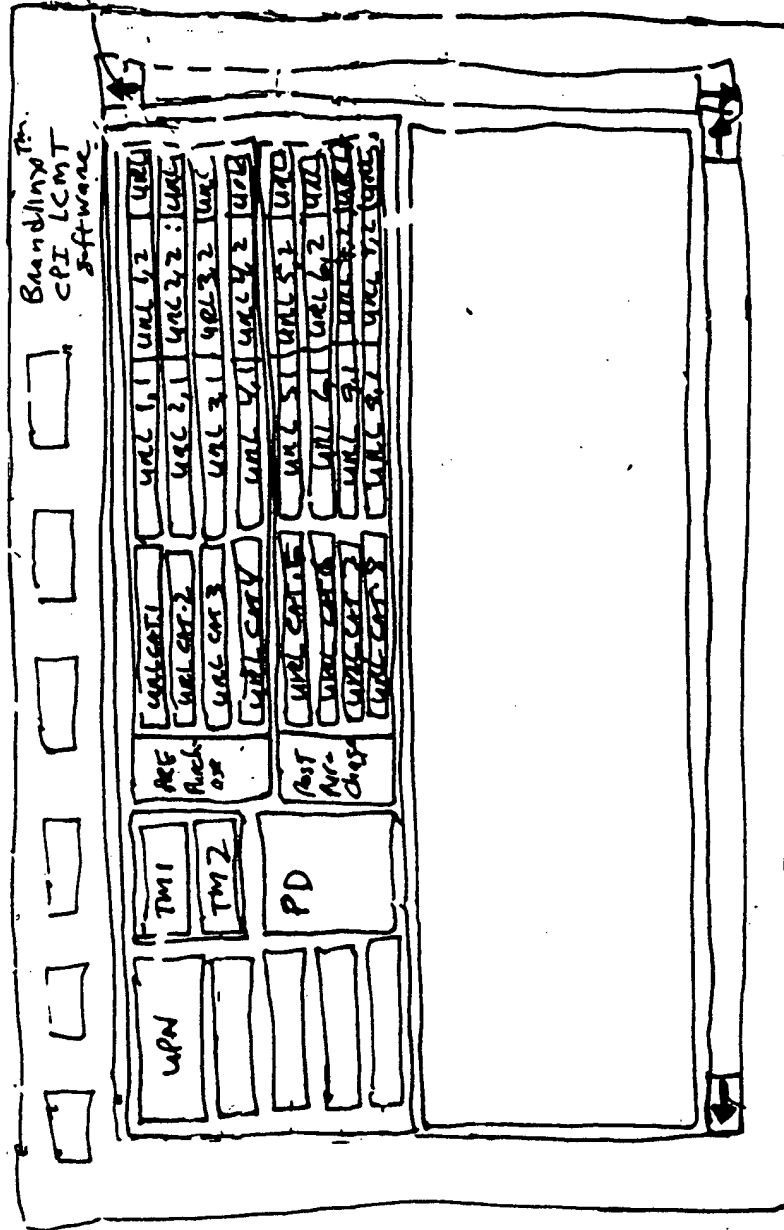


FIG. 2C3

DISTRIBUTED METHOD AND SYSTEM OF UP/URL MANAGEMENT OVER A LAN OR WAN



The diagram illustrates the relationship between a web-based publication layout and a print-based publication layout. It consists of two main sections: 'LAYOUT OF WEB-BASED PUBLICATION' on the left and 'LAYOUT OF PRINT-BASED PUBLICATION' on the right, connected by 'RELATIONAL LINKS'.

LAYOUT OF WEB-BASED PUBLICATION: This section shows a grid of cells. The top row has two cells. The second row has two cells, with the right cell containing an oval. The third row has two cells, with the right cell containing an oval. The fourth row has two cells, with the right cell containing an oval. The fifth row has two cells, with the right cell containing an oval. The sixth row has two cells, with the right cell containing an oval. The seventh row has two cells, with the right cell containing an oval. The eighth row has two cells, with the right cell containing an oval. The ninth row has two cells, with the right cell containing an oval. The tenth row has two cells, with the right cell containing an oval. The eleventh row has two cells, with the right cell containing an oval. The twelfth row has two cells, with the right cell containing an oval. The thirteenth row has two cells, with the right cell containing an oval. The fourteenth row has two cells, with the right cell containing an oval. The fifteenth row has two cells, with the right cell containing an oval. The sixteenth row has two cells, with the right cell containing an oval. The seventeenth row has two cells, with the right cell containing an oval. The eighteenth row has two cells, with the right cell containing an oval. The nineteenth row has two cells, with the right cell containing an oval. The twentieth row has two cells, with the right cell containing an oval.

LAYOUT OF PRINT-BASED PUBLICATION: This section shows a grid of cells labeled UPN 1 through UPN 15. The top row has two cells labeled UPN 1 and UPN 2. The second row has two cells labeled UPN 3 and UPN 4. The third row has two cells labeled UPN 5 and UPN 6. The fourth row has two cells labeled UPN 7 and UPN 8. The fifth row has two cells labeled UPN 9 and UPN 10. The sixth row has two cells labeled UPN 11 and UPN 12. The seventh row has two cells labeled UPN 13 and UPN 14. The eighth row has two cells labeled UPN 15 and UPN 16. The ninth row has two cells labeled UPN 17 and UPN 18. The tenth row has two cells labeled UPN 19 and UPN 20. The eleventh row has two cells labeled UPN 21 and UPN 22. The twelfth row has two cells labeled UPN 23 and UPN 24. The thirteenth row has two cells labeled UPN 25 and UPN 26. The fourteenth row has two cells labeled UPN 27 and UPN 28. The fifteenth row has two cells labeled UPN 29 and UPN 30. The sixteenth row has two cells labeled UPN 31 and UPN 32. The seventeenth row has two cells labeled UPN 33 and UPN 34. The eighteenth row has two cells labeled UPN 35 and UPN 36. The nineteenth row has two cells labeled UPN 37 and UPN 38. The twentieth row has two cells labeled UPN 39 and UPN 40.

RELATIONAL LINKS: Arrows connect specific cells in the web layout to specific UPNs in the print layout. The arrows are labeled 'PAGE 1 URL 1', 'PAGE 2 URL 2', and 'PAGE N URL N'.

FIG. 2E1

FIG. 2E2

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00715848 111700

UPN/URL LINKS	
UPN	URL
UPN 1	URL 1
UPN 2	URL 2
UPN 3	URL 3
UPN 4	URL 4
UPN 5	URL 5
UPN 6	URL 6
UPN 7	URL 7
UPN 8	URL 8
UPN 9	URL 9
UPN 10	URL 10
UPN 11	URL 11
UPN 12	URL 12
UPN 13	URL 13
⋮	⋮
UPN N	URL N
UPN N-1	URL N-1

400

FIG. 2E3

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COMPOSITION/EDITORIAL MODE

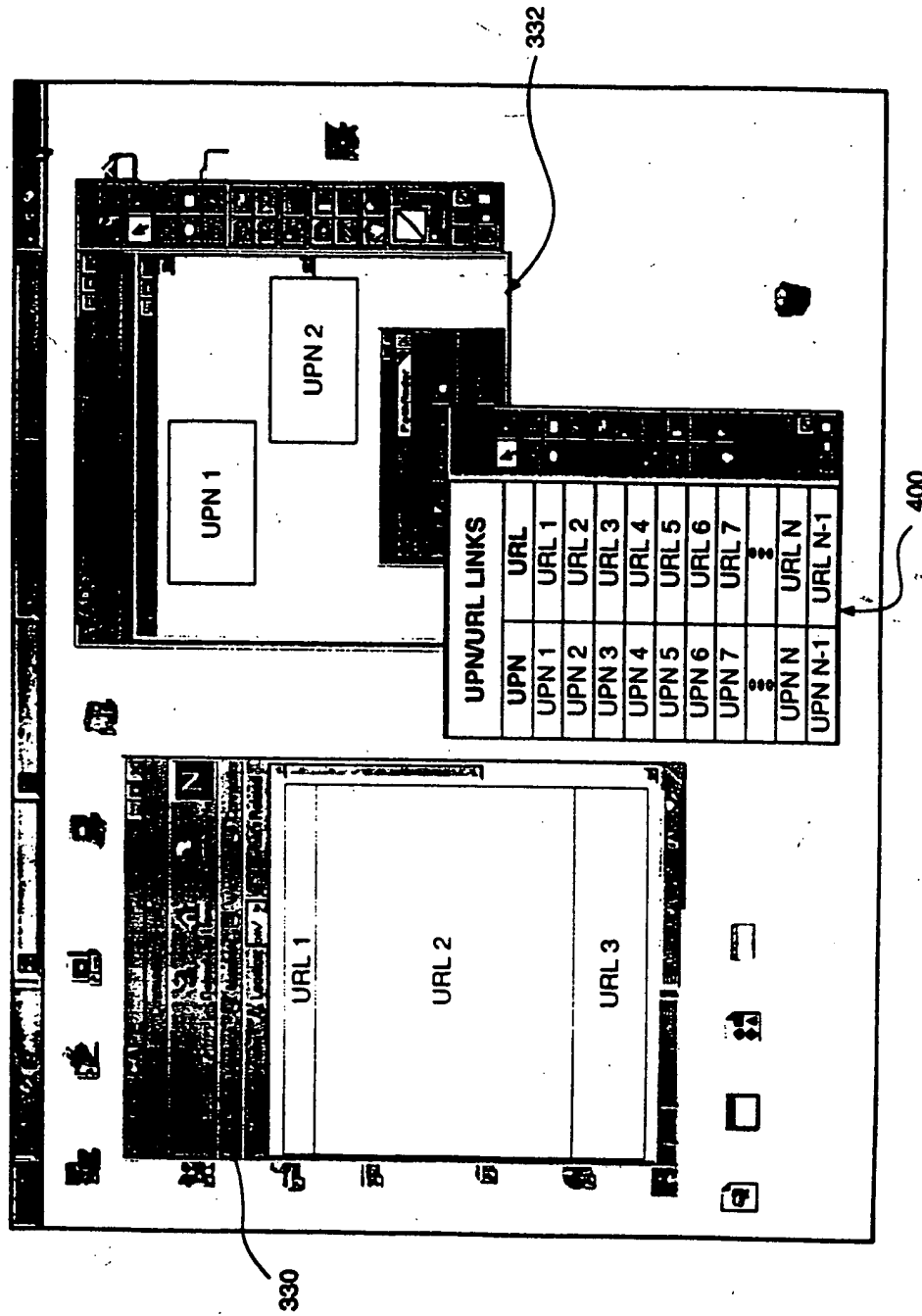


FIG. 2E4

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UPN/URL DATA LINKING MODE

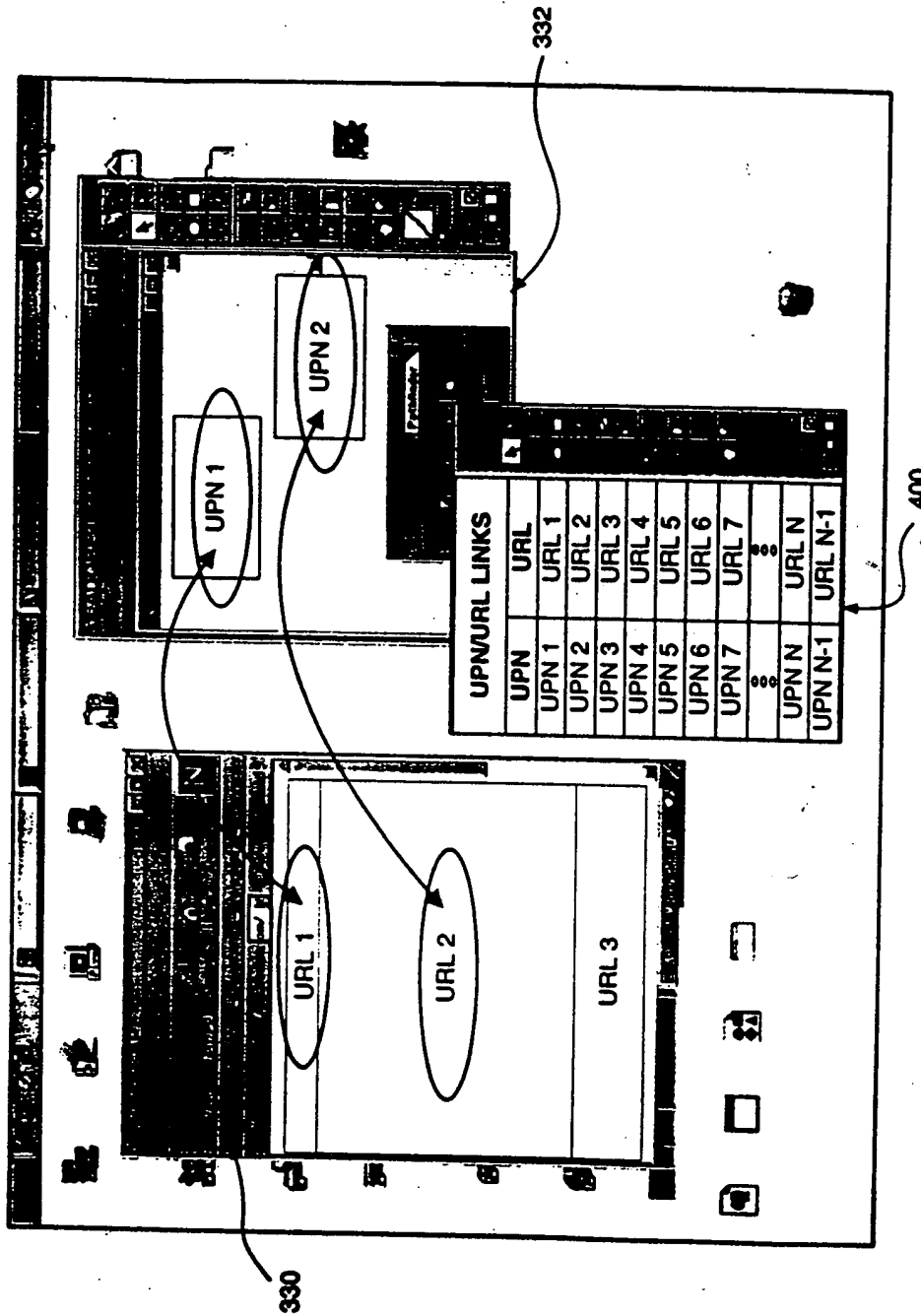


FIG. 2E5

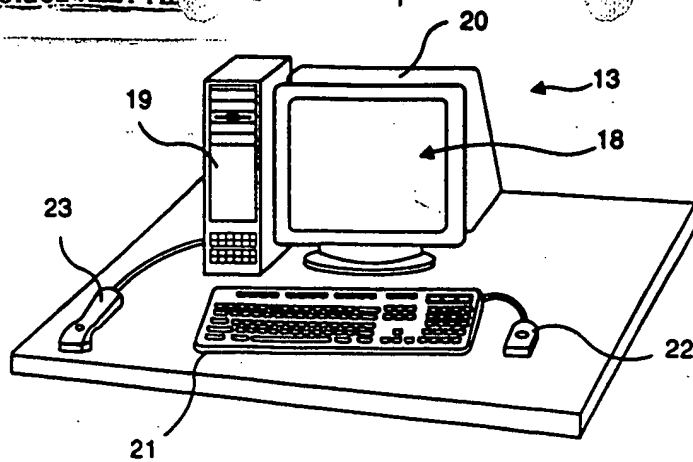


FIG. 3A1

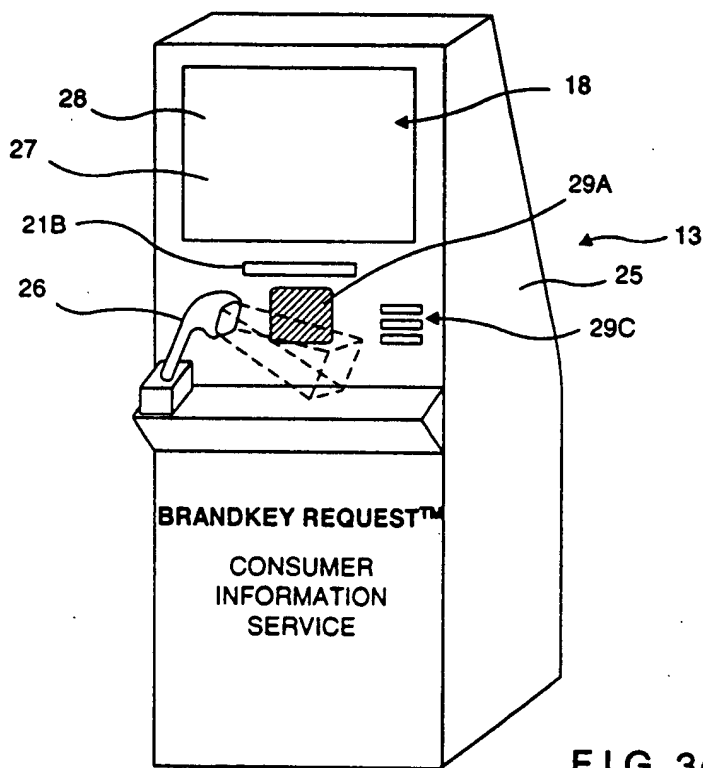


FIG. 3A2

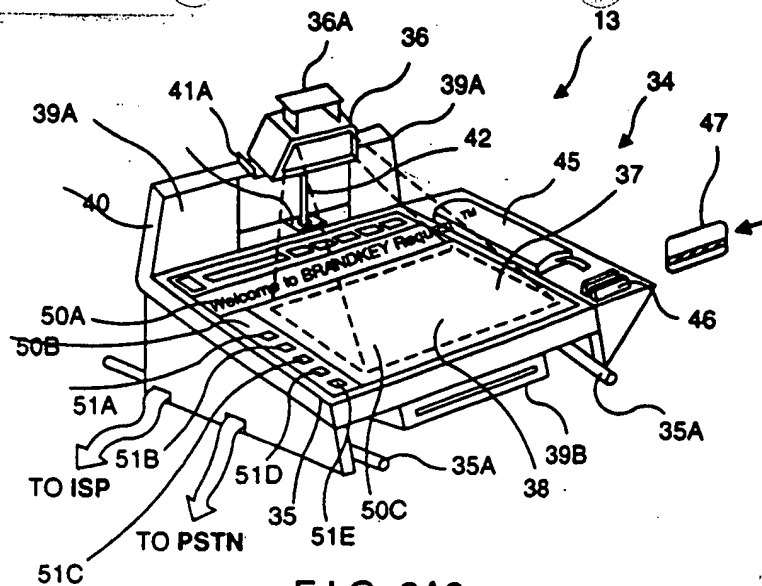


FIG. 3A3

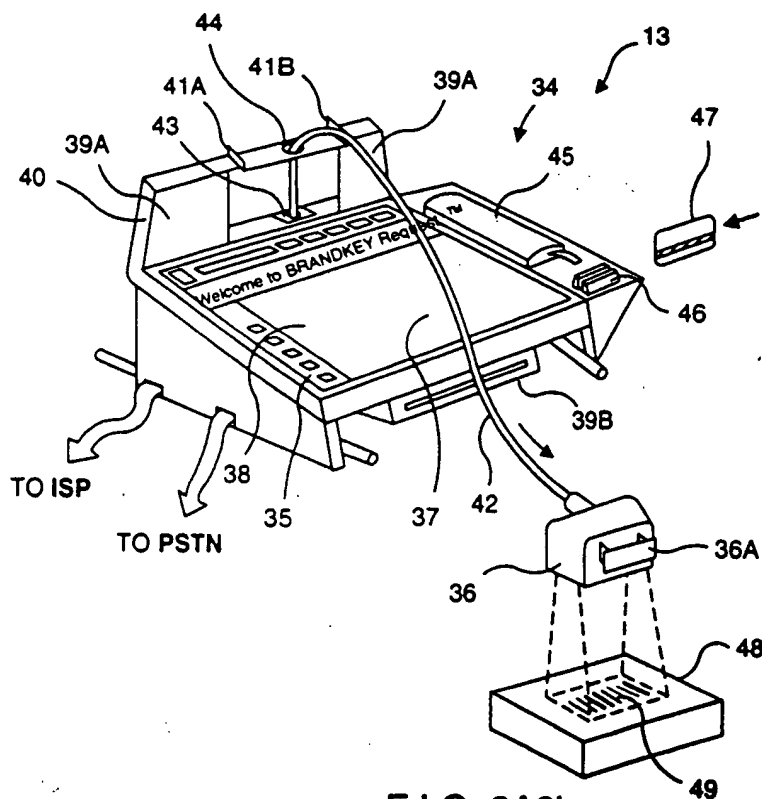


FIG. 3A3'

00245614-1200

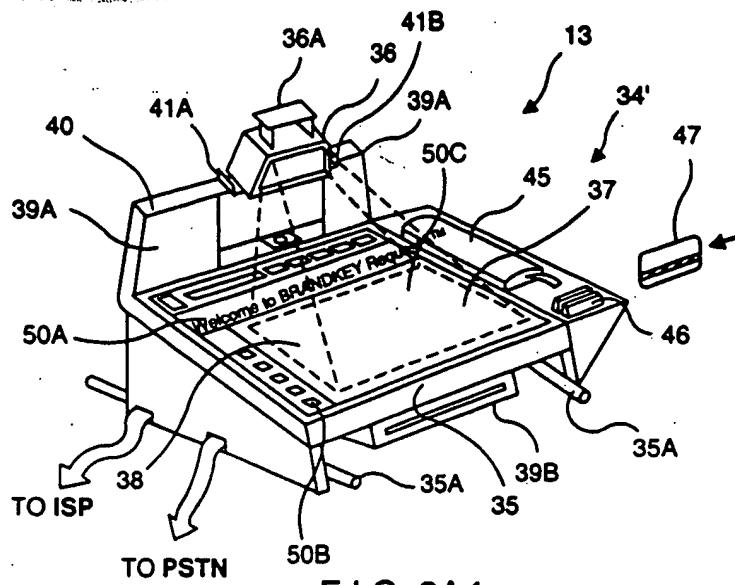


FIG. 3A4

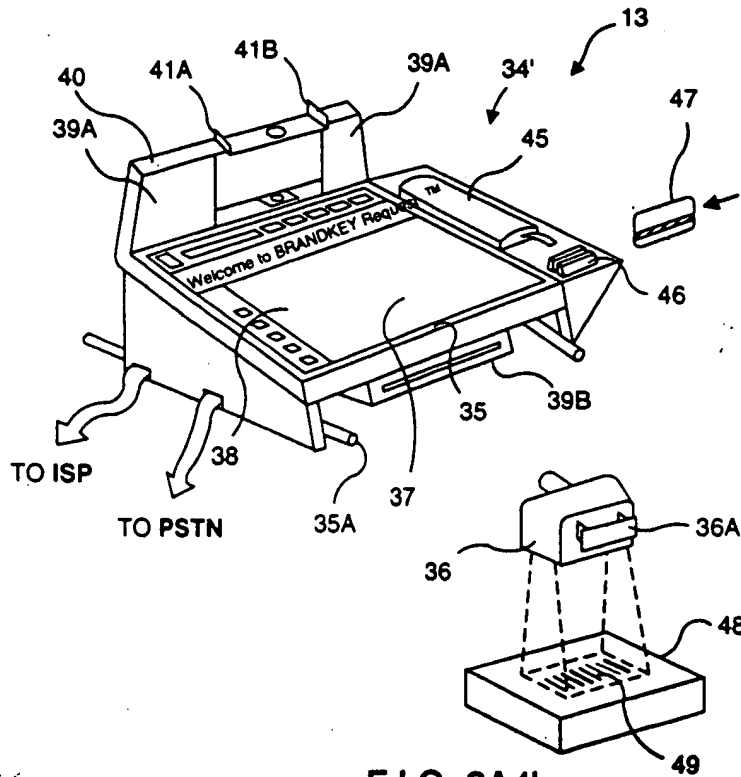


FIG. 3A4'



FIG. 3A5

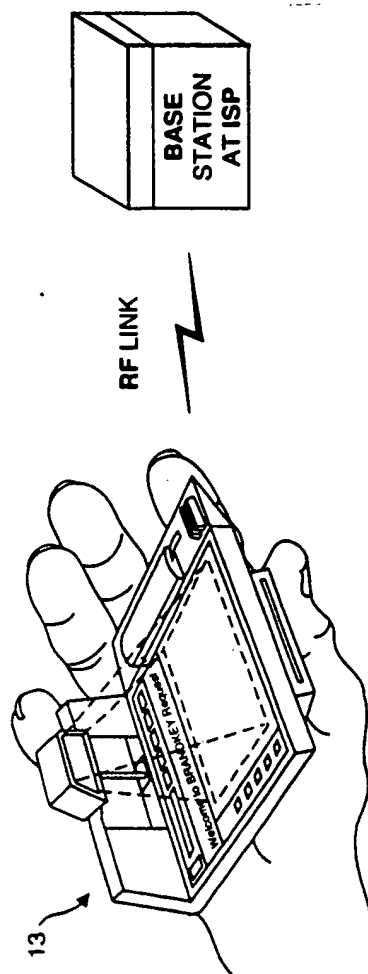


FIG. 3A6

0047787557200

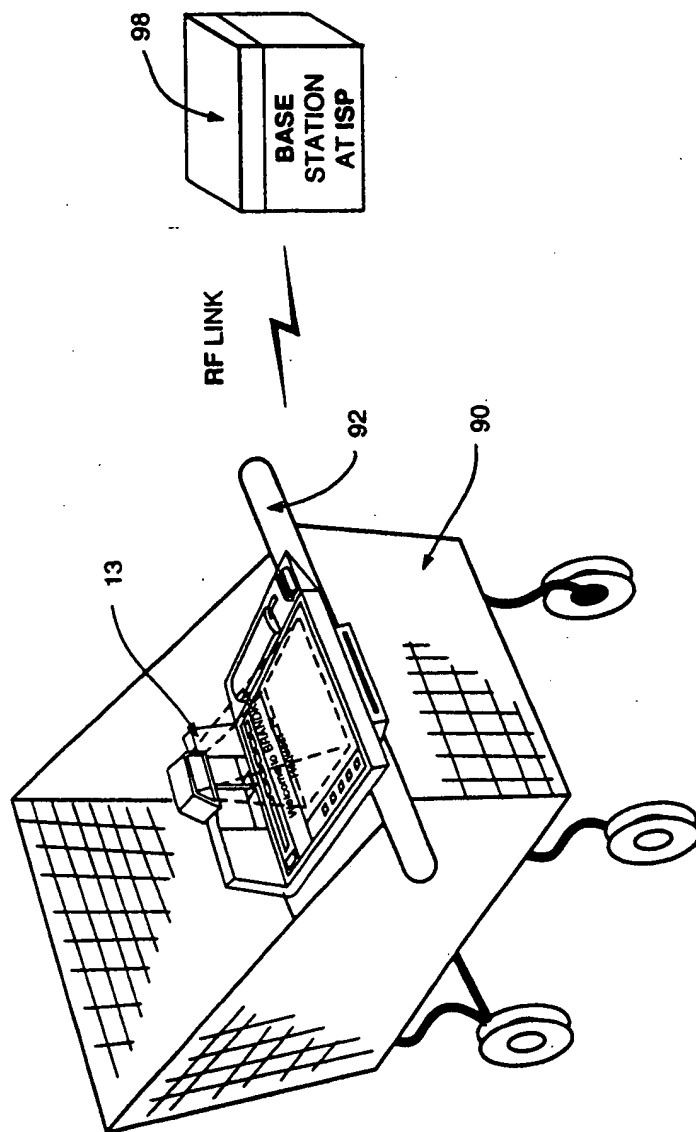


FIG. 3A7

25/173

00215048-11700

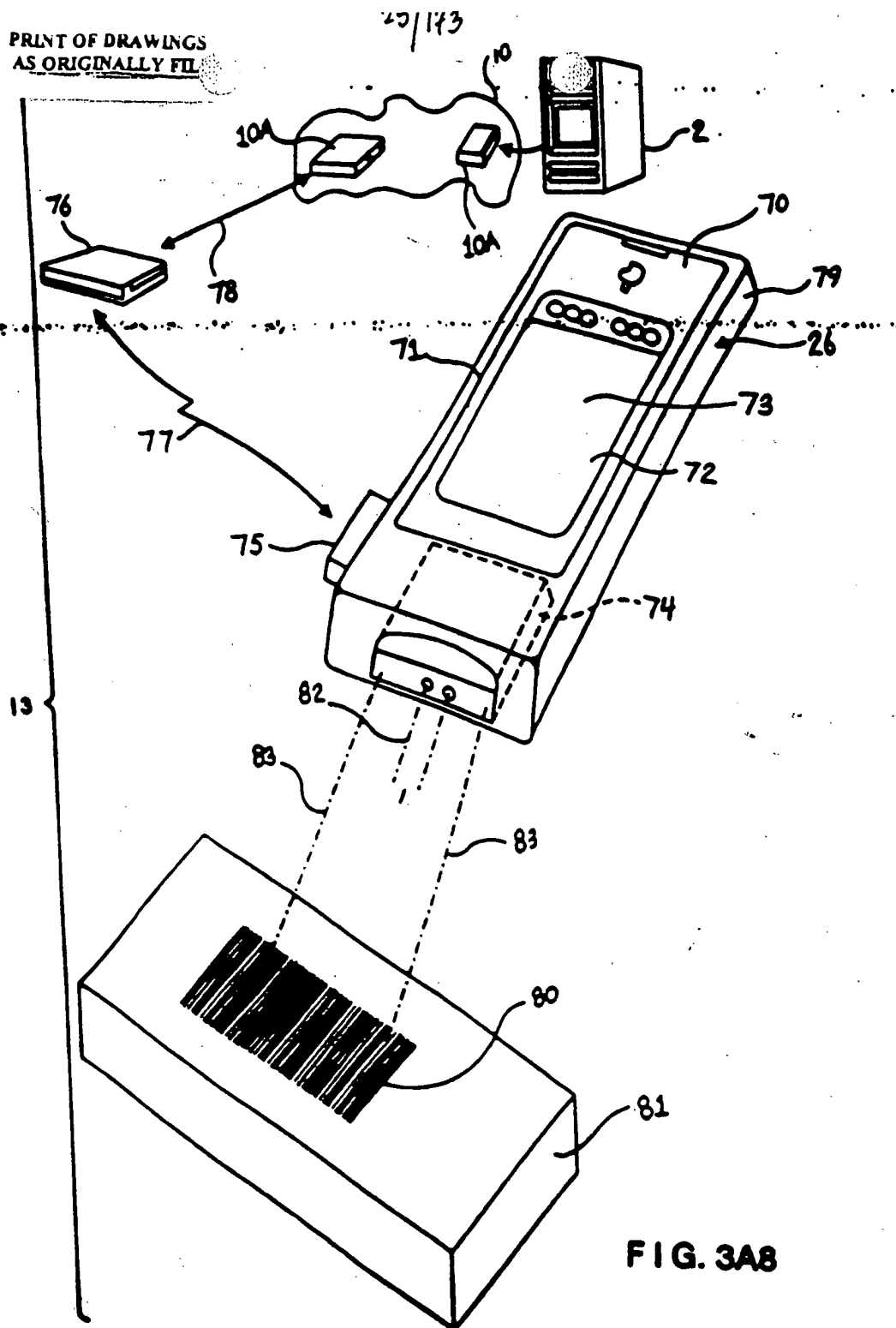


FIG. 3A8

FIG. 3A9

FIG. 3A9

FIG. 3A10A

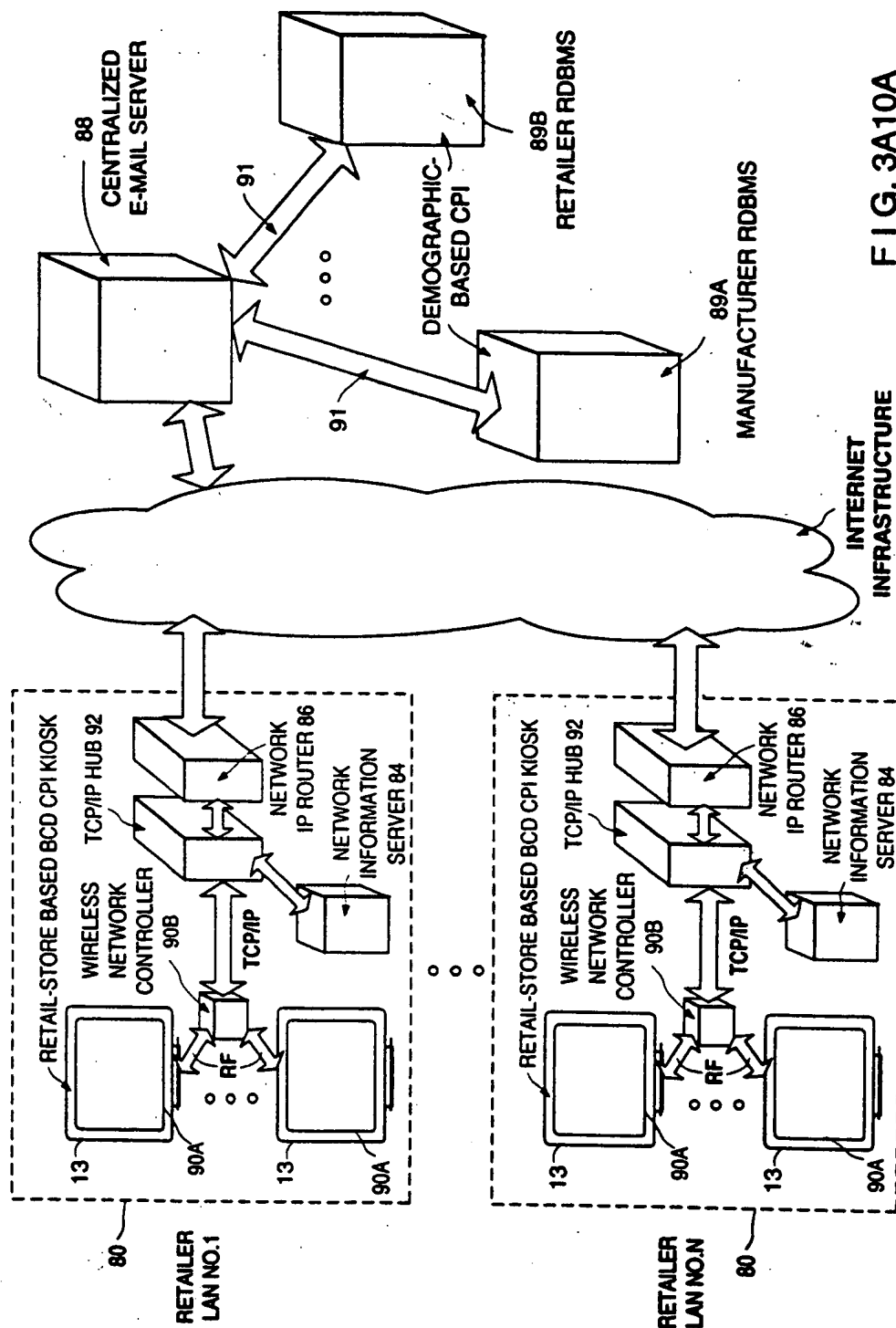


FIG. 3A10A

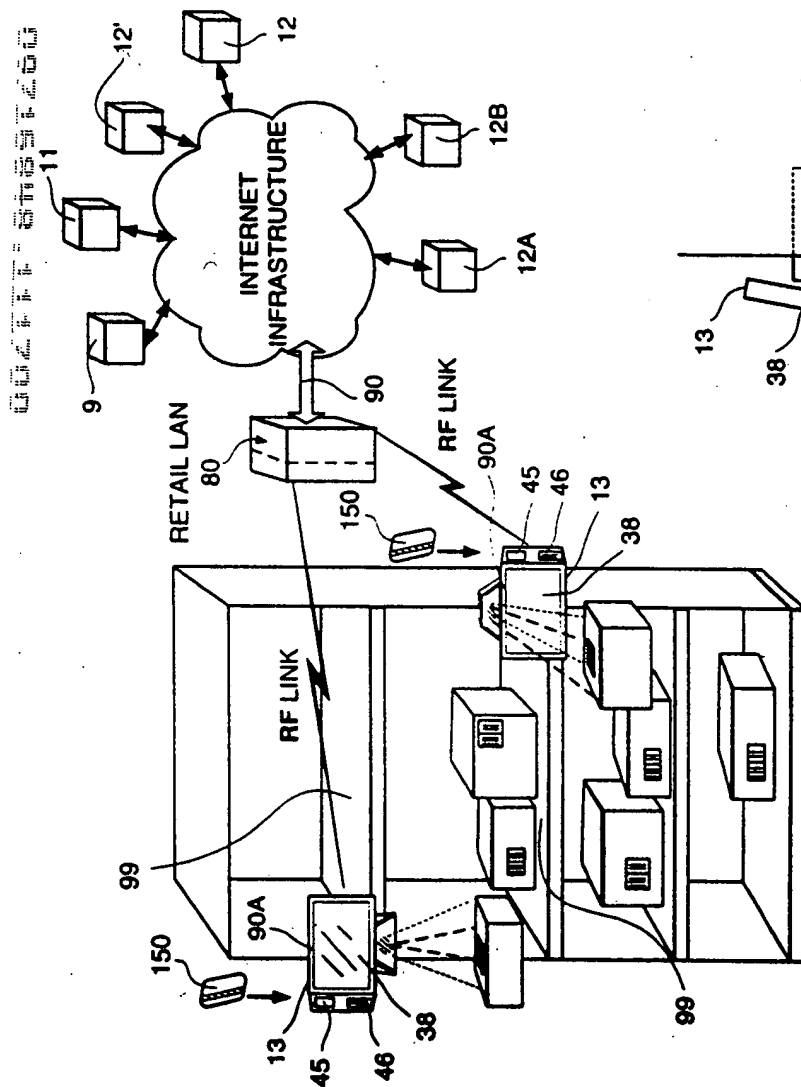


FIG. 3A10B

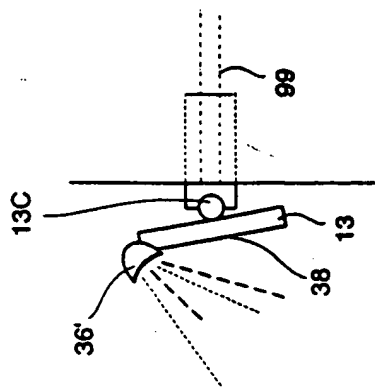


FIG. 3A10D

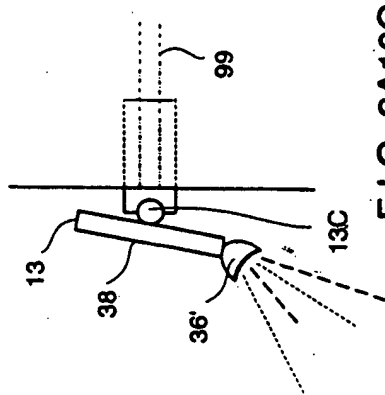


FIG. 3A10C

**MASTER DATABASE TABLE
MAINTAINED BY RETAILER DATABASE MANAGEMENT SUBSYSTEM**

[illegible]

FIG. 3A11

[illegible]

FIG. 3A12

(1) LAUNCH A CONSUMER PRODUCT INFORMATION (CPI) CAPTURE AND TRANSPORT APPLICATION SERVICE ON AN INTERNET ENABLED BAR CODE DRIVEN (BCD) CPI KIOSK OF THE PRESENT INVENTION CONFIGURED IN A RETAILER TCP/IP LOCAL OR WIDE AREA NETWORK DEPLOYED WITHIN A RETAIL SHOPPING ENVIRONMENT, AND (2) DISPLAY ON THE KIOSK SCREEN A CPI-TRANSPORTING "ELECTRONIC-MAIL" ENVELOPE HAVING A JAVA ENABLED GUI PROVIDED WITH

- i) A FIRST SINGLE-CLICK BUTTON FOR CAPTURING AND STORING AS AN HTML ENCODED DOCUMENT THEREIN, ANY CPI RELATED DOCUMENT BEING DISPLAYED ON THE BCD CPI KIOSK
- ii) A SECOND SINGLE-CLICK BUTTON FOR TRANSPORTING COPIES OF THE ENVELOPE TO THE E-MAIL ADDRESS OF CONSUMER
- iii) A CONSUMER E-MAIL ADDRESS FIELD FOR ENTERING THE E-MAIL ADDRESS OF THE CONSUMER/SHOPPER, TO WHICH A COPY OF THE E-MAIL ENVELOPE CAN BE AUTOMATICALLY SENT DURING TRANSPORT
- iv) A RETAILER E-MAIL ADDRESS FIELD CONTAINING A PRESENT E-MAIL ADDRESS OF THE RETAILER OPERATING THE KIOSK, INDICATING THE RETAIL STORE LOCATION, AND POSSIBLY THE RETAIL DEPARTMENT FROM WHICH THE CPI-TRANSPORTING ENVELOPE WAS SENT ON THE TIME AND DATE OF THE ELECTRONIC MESSAGE TRANSMISSION

A

ENTER THE CONSUMER E-MAIL ADDRESS INTO THE CONSUMER E-MAIL ADDRESS FIELD OF THE ENVELOPE (e.g. BY MANUALLY TYPING THE E-MAIL ADDRESS, READING A BAR CODED CONSUMER IDENTIFICATION CARD HAVING THE CONSUMER'S E-MAIL ADDRESS AND OTHER INFORMATION ENCODED THEREWITHIN, OR BY READING A MAGNETIC STRIPE TYPE CONSUMER IDENTIFICATION CARD ENCODED WITH THE SAME OR SIMILAR INFORMATION USING A MAGNETIC STRIPE READER INTERFACED WITH THE BCD CPI KIOSK)

B

A

FIG. 3A13A

00745611-1-2000

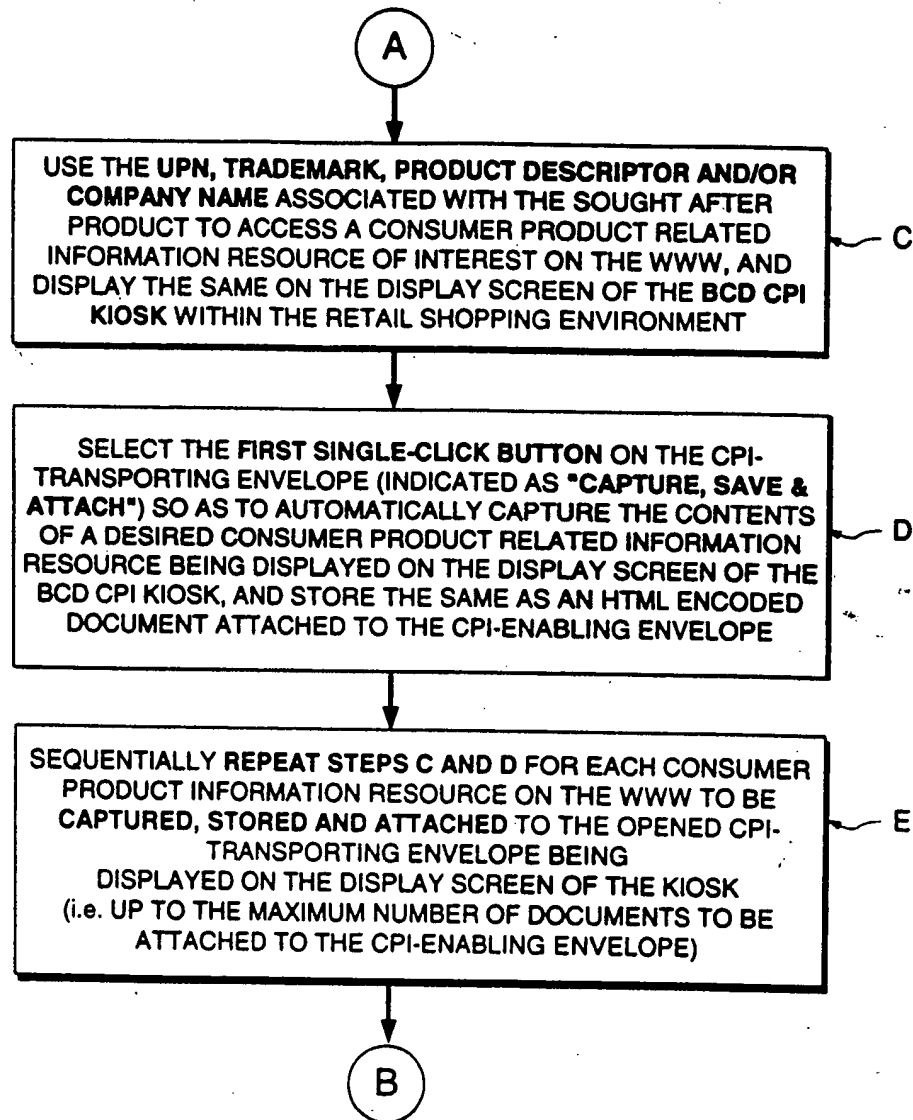


FIG. 3A13B

00211-8189120

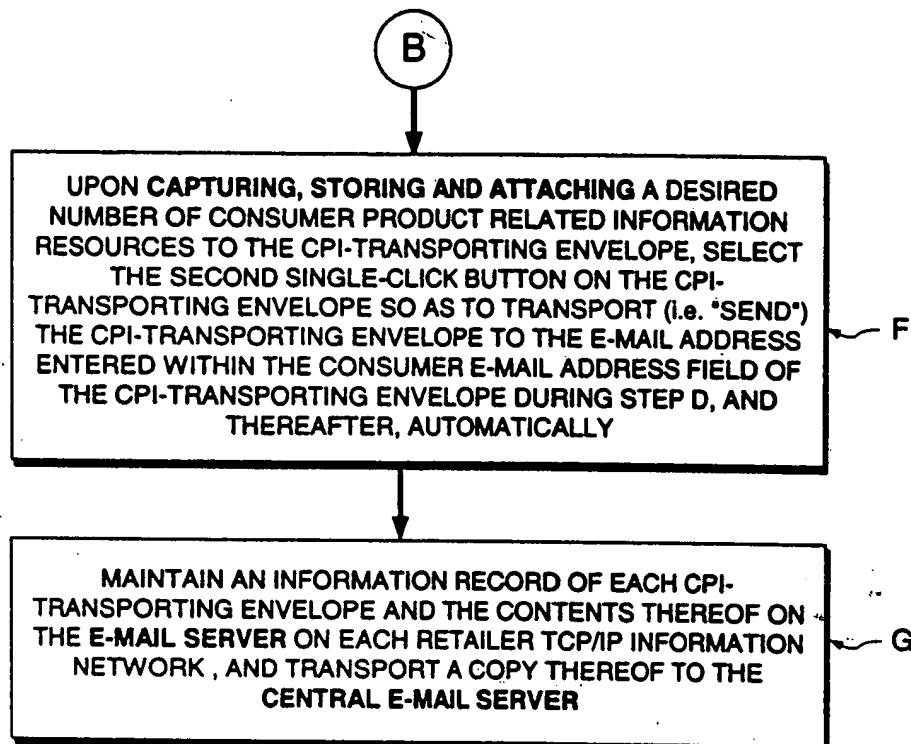


FIG. 3A13C

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002411 84251200

The image shows a Netscape browser window with the following elements:

- 20A**: Netscape menu bar (File, Edit, View, Go, Bookmarks, Options, Directory, Window, Help).
- 20B**: Address bar with 'Netsite' and a dropdown arrow.
- 21A**: Navigation buttons (Back, Forward, Home, Stop, Reload, Print, Find, etc.).
- 21B**: 'Netsite' button.
- 21C**: 'WHAT'S NEW?' button.
- 21D**: 'WHAT'S COOL?' button.
- 21E**: 'DESTINATIONS' button.
- 21F**: 'NET SEARCH' button.
- 21G**: 'PEOPLE SOFTWARE' button.
- 21H**: 'WS' button.
- 21I**: 'SEND-IT-HOME' button.
- 21J**: 'Document' button.
- 21K**: 'Done' button.
- 21L**: 'Welcome to BRANDKE' text.
- 21M**: 'SEND-IT-HOME™ E-MAIL FROM BRANDKEY REQUEST™' text.
- 21N**: 'CENTRAL @ WALMART STAMFORD, CT.' text.
- 21O**: 'CAPTURE, SAVE, ATTACH' button.
- 21P**: 'SEND' button.
- 21Q**: 'DATE: December 15, 1999' text.
- 21R**: 'FROM: kiosk129@walmart.brandkeyrequest.com' text.
- 21S**: 'TO: consumer@email.com' text.
- 21T**: 'ATTACHMENTS:' text.
- 21U**: Five empty rectangular boxes for attachments.

FIG. 3A14

(1) LAUNCH A CONSUMER PRODUCT INFORMATION (CPI) CAPTURE AND TRANSPORT APPLICATION SERVICE ON AN INTERNET ENABLED BAR CODE DRIVEN (BCD) CPI KIOSK OF THE PRESENT INVENTION CONFIGURED IN A RETAILER TCP/IP LOCAL OR WIDE AREA NETWORK DEPLOYED WITHIN A RETAIL SHOPPING ENVIRONMENT, AND (2) DISPLAY ON THE KIOSK SCREEN A CPI-TRANSPORTING "ELECTRONIC-MAIL" ENVELOPE HAVING A JAVA ENABLED GUI PROVIDED WITH

- i) A FIRST SINGLE-CLICK BUTTON FOR CAPTURING AND STORING AS AN HTML ENCODED DOCUMENT THEREIN, ANY CPI RELATED DOCUMENT BEING DISPLAYED ON THE BCD CPI KIOSK
- ii) A SECOND SINGLE-CLICK BUTTON FOR TRANSPORTING COPIES OF THE ENVELOPE TO THE E-MAIL ADDRESS OF CONSUMER
- iii) A CONSUMER E-MAIL ADDRESS FIELD FOR ENTERING THE E-MAIL ADDRESS OF THE CONSUMER/SHOPPER, TO WHICH A COPY OF THE E-MAIL ENVELOPE CAN BE AUTOMATICALLY SENT DURING TRANSPORT IF ENABLED BY THE CONSUMER/SHOPPER
- iv) A RETAILER E-MAIL ADDRESS FIELD CONTAINING A PRESENT E-MAIL ADDRESS OF THE RETAILER OPERATING THE KIOSK, INDICATING THE RETAIL STORE LOCATION, AND POSSIBLY THE RETAIL DEPARTMENT FROM WHICH THE CPI-TRANSPORTING ENVELOPE WAS SENT ON THE TIME AND DATE OF THE ELECTRONIC MESSAGE TRANSMISSION

A

ENTER THE CONSUMER E-MAIL ADDRESS INTO THE CONSUMER E-MAIL ADDRESS FIELD OF THE ENVELOPE (e.g. BY MANUALLY TYPING THE E-MAIL ADDRESS, READING A BAR CODED CONSUMER IDENTIFICATION CARD HAVING THE CONSUMER'S E-MAIL ADDRESS AND OTHER INFORMATION ENCODED THEREWITHIN, OR BY READING A MAGNETIC STRIPE TYPE CONSUMER IDENTIFICATION CARD ENCODED WITH THE SAME OR SIMILAR INFORMATION USING A MAGNETIC STRIPE READER INTERFACED WITH THE BCD CPI KIOSK)

B

A

FIG. 3A15A

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00716010 111200

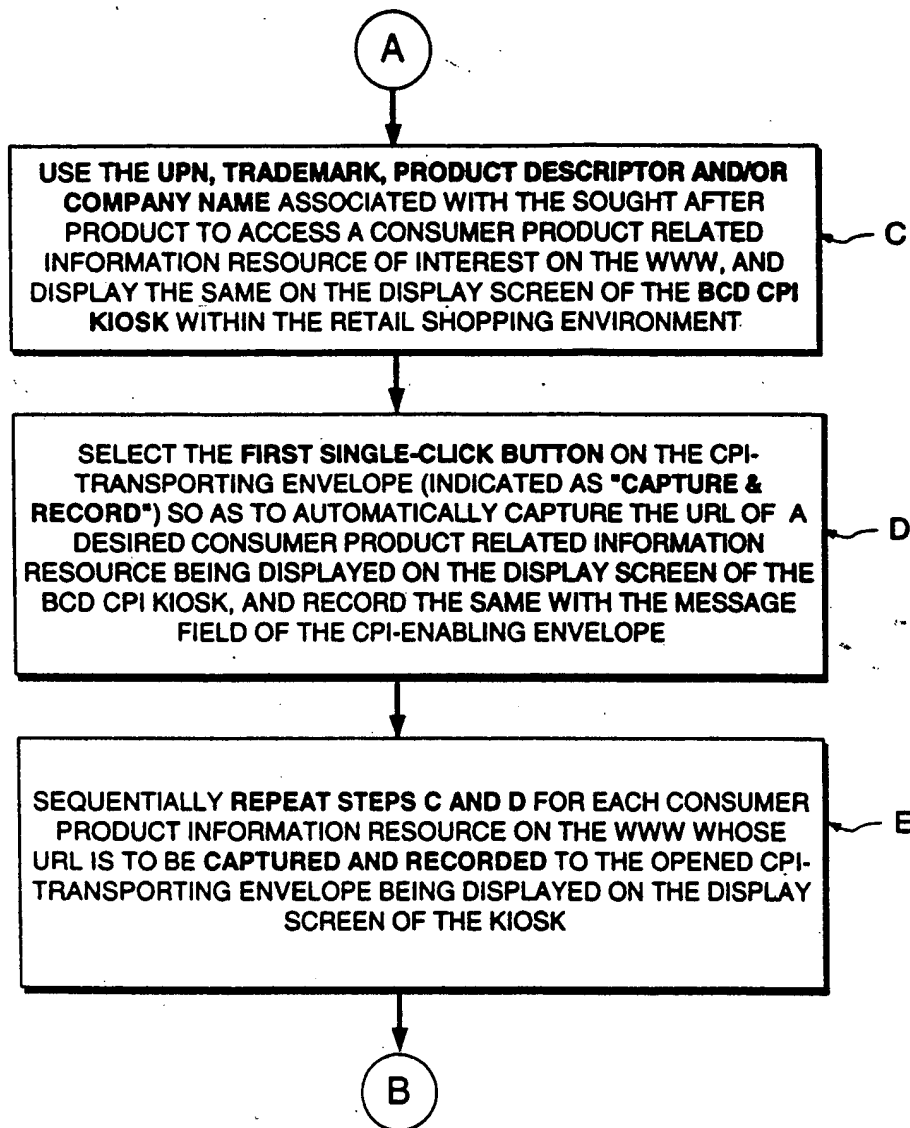


FIG. 3A15B

00715049 11200

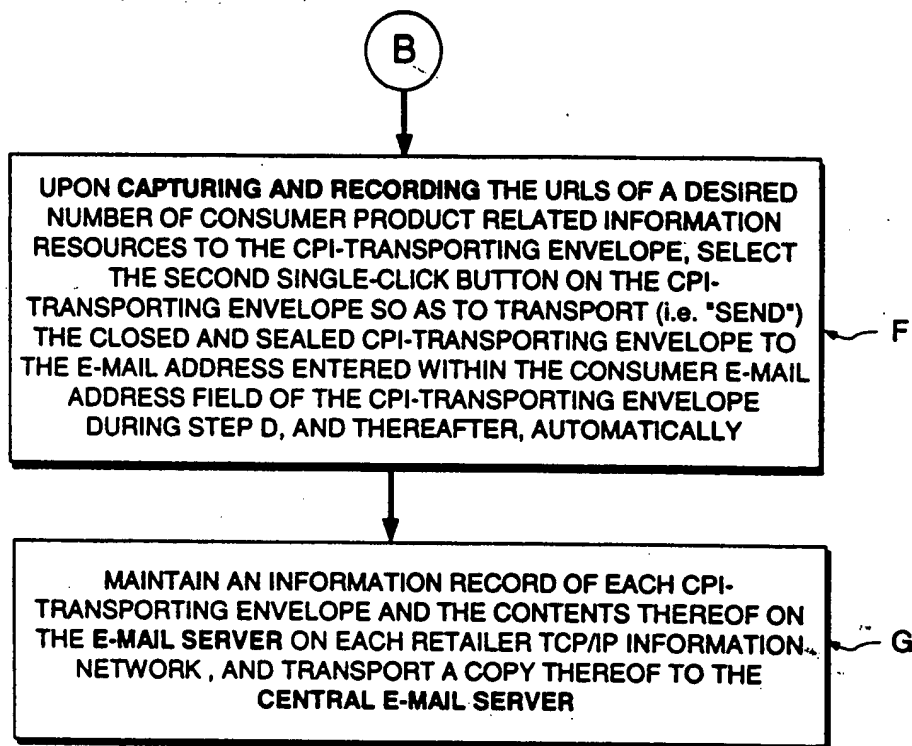
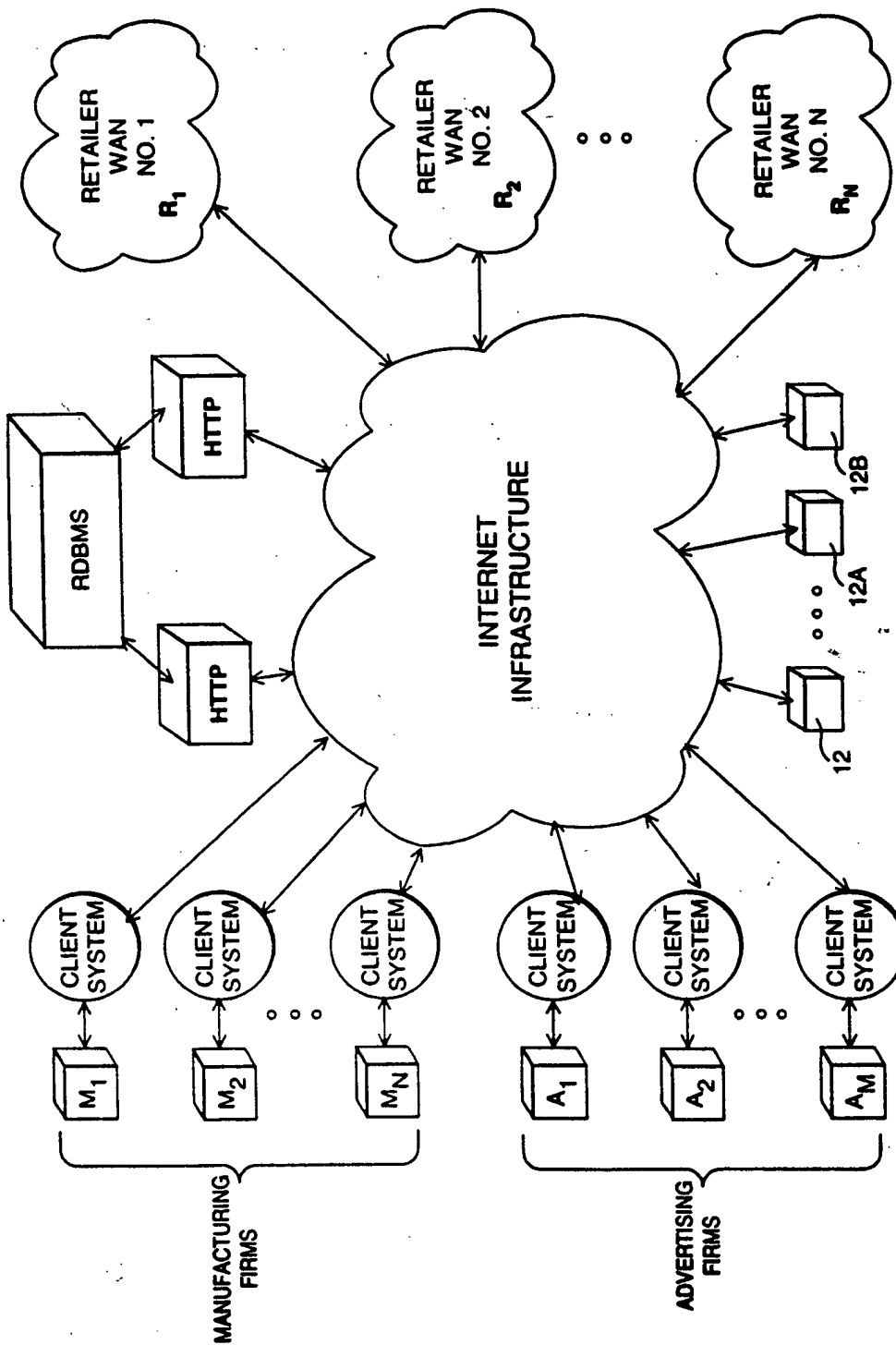


FIG. 3A15C

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FIG. 3A17



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FIG. 3A18

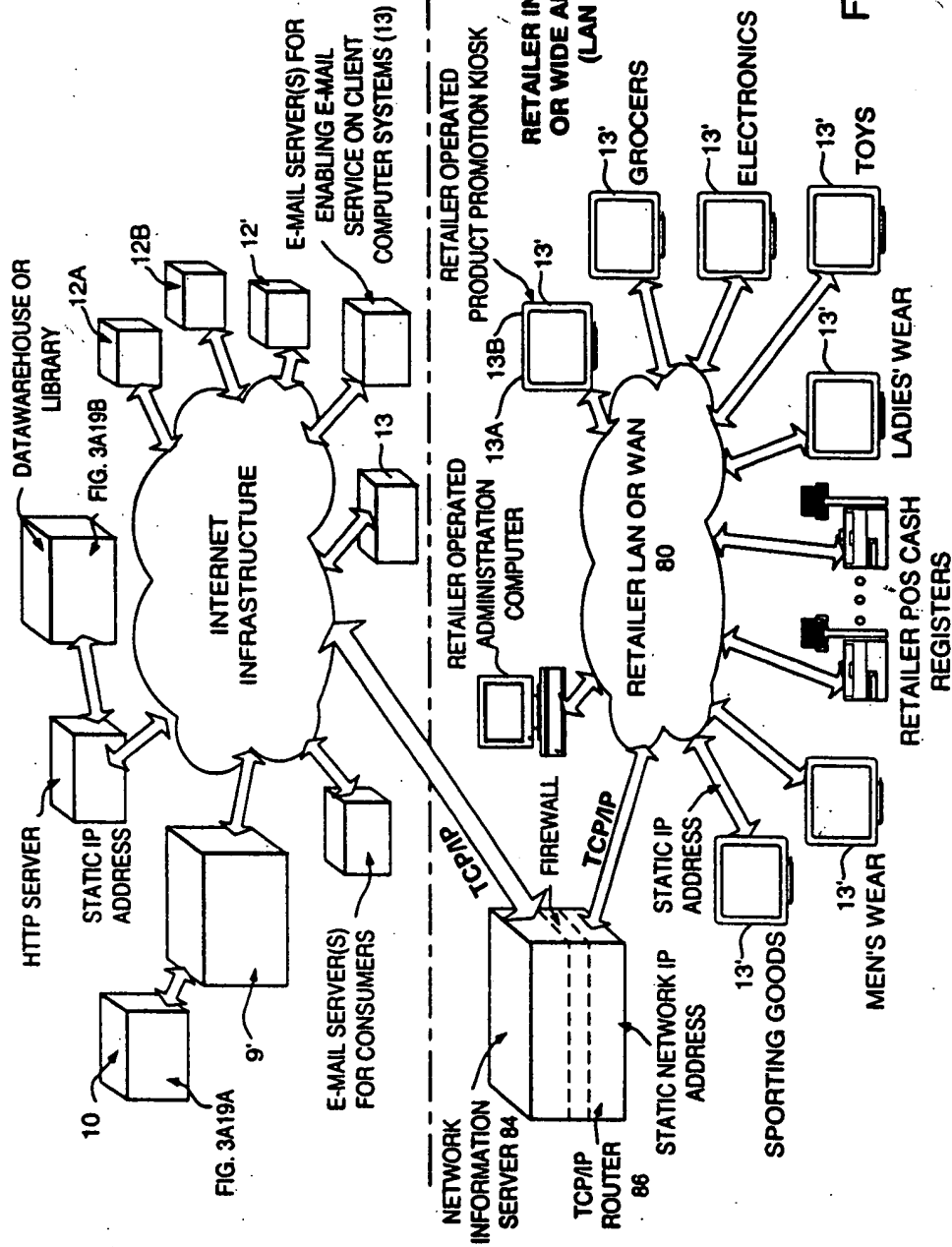
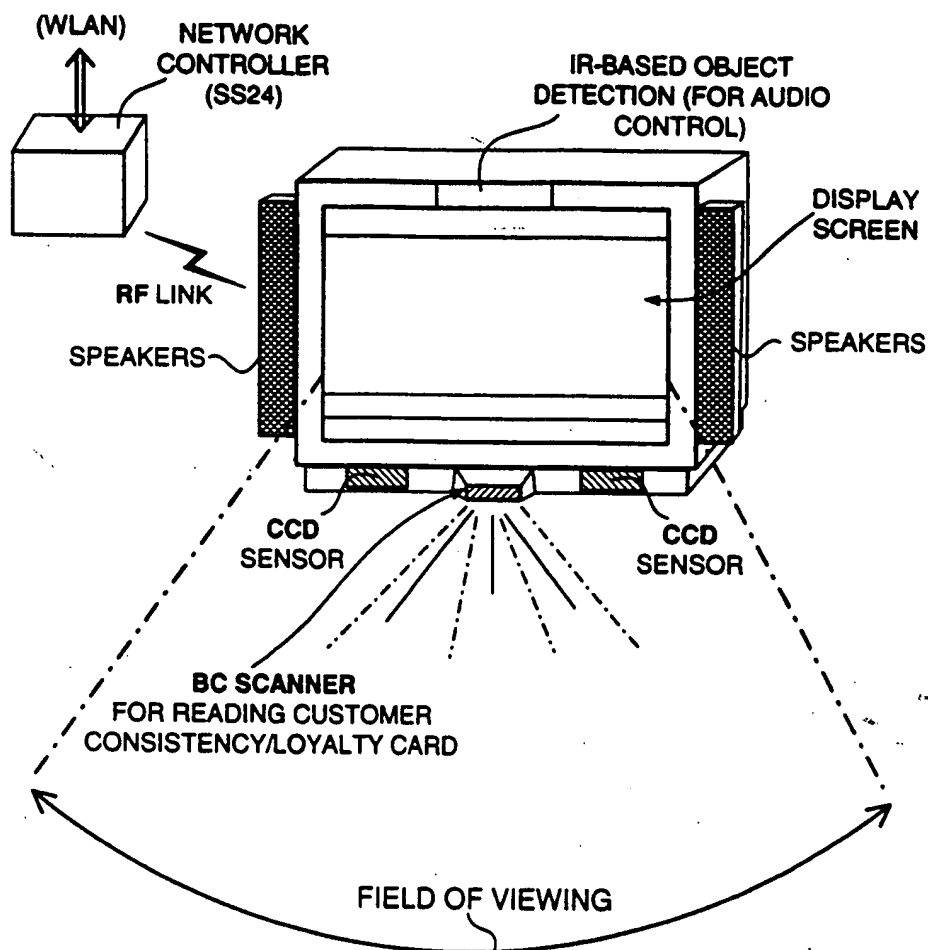


FIG. 3A18

UPN	RETAILER	URL NO. 1	...	URL NO. N	TRADEMARKS	PRODUCT DESCRIPTION	E-MAIL
			...				
...

FIG. 3A19A

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FEATURES:

- EYE TRAINING AND ACCOUNTING SUBSYSTEM
- TRACKS DETECTED EYEBALL

FIG. 3A19C

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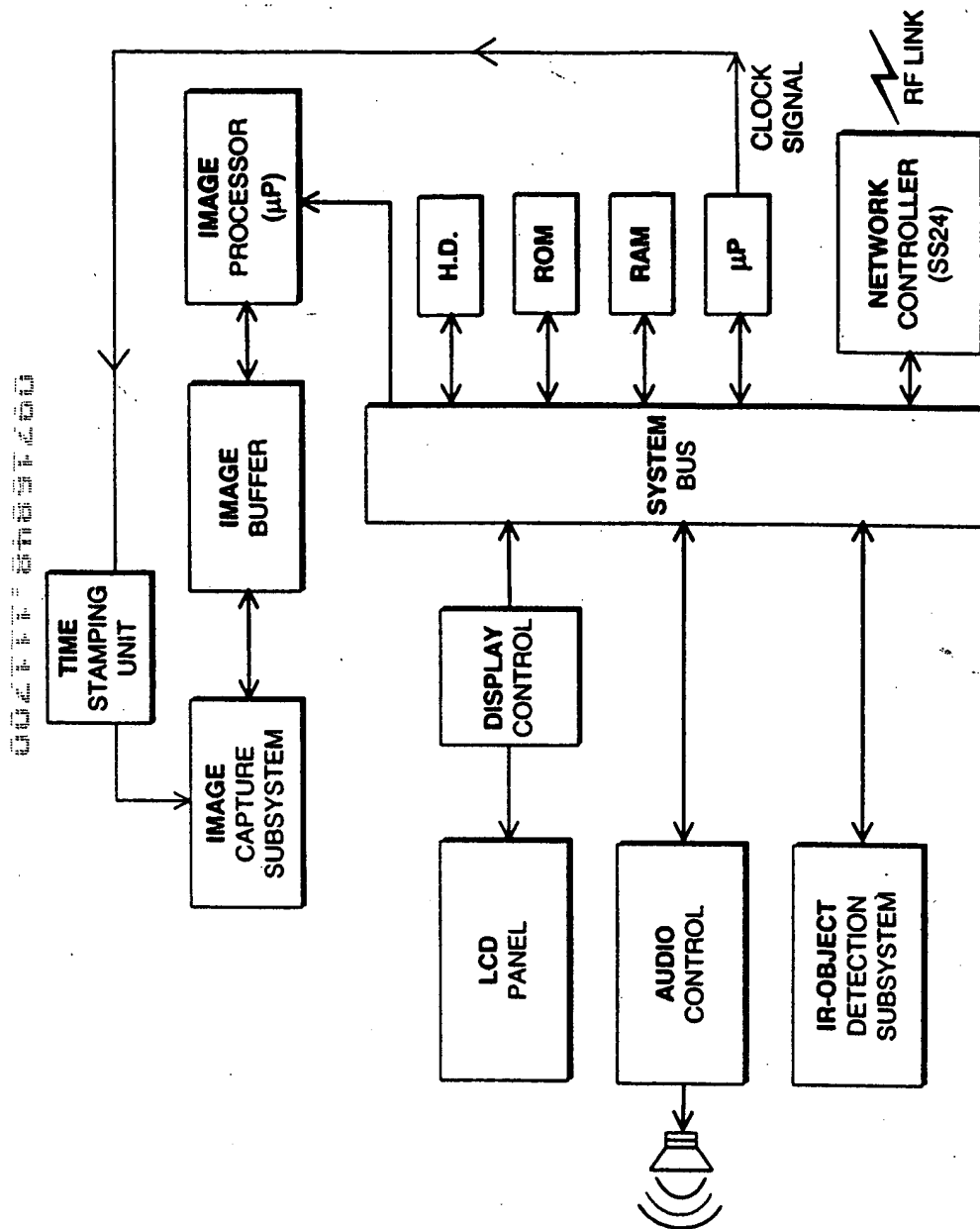


FIG. 3A19D

004111 81851200

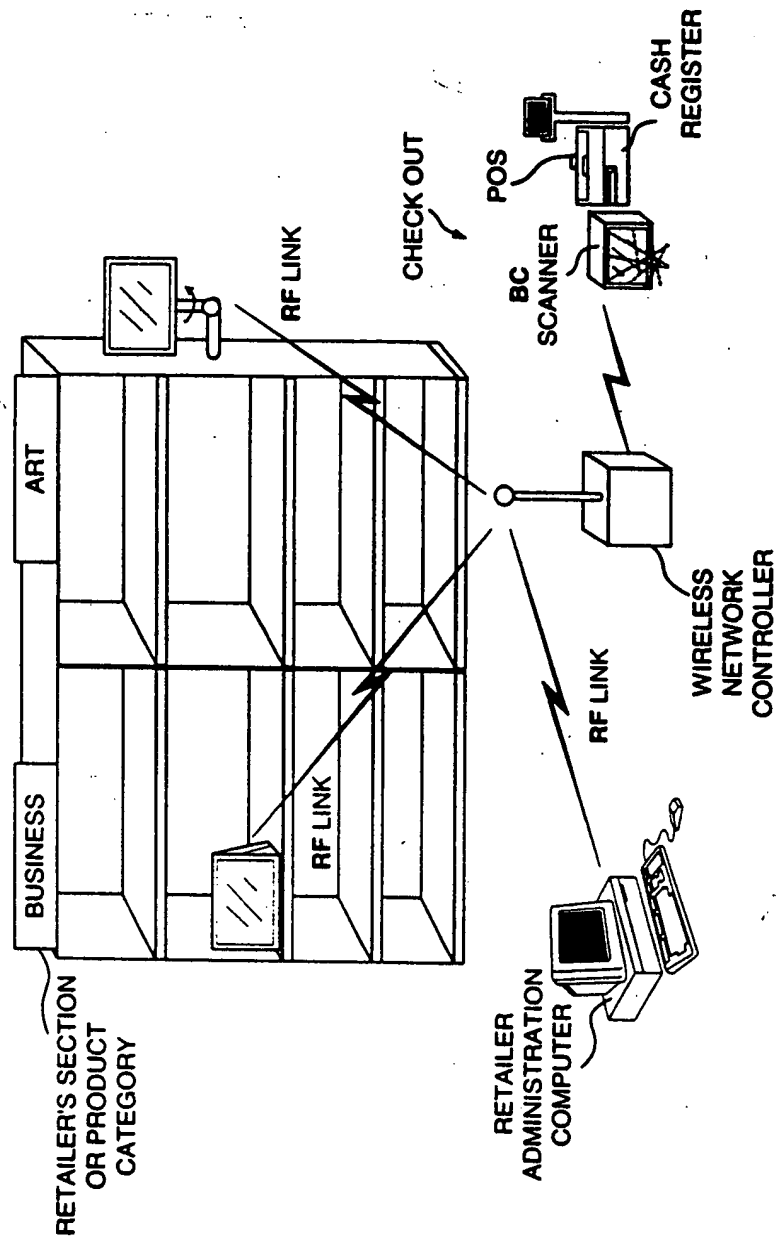


FIG. 3A20

<p>DISPLAY FRAME FOR DISPLAYING THE RETAILER'S IDENTITY/IMAGE SELECTED BY RETAILER (URL-DF1)</p>
<p>DISPLAY FRAME FOR DISPLAYING A PRODUCT ADVERTISEMENT CREATED BY MANUFACTURER AND/OR AGENT THEREOF (URL-DF2), AND SELECTED BY RETAILER</p>
<p>DISPLAY FRAME FOR DISPLAYING A PROMOTIONAL MESSAGE ABOUT THE ADVERTISED PRODUCT, SELECTED BY RETAILER (URL-DF3)</p>
<p>DISPLAY FRAME FOR DISPLAYING THE LOCATION OF THE ADVERTISED PRODUCT IN THE RETAIL STORE OR IN THE RETAILER'S ELECTRONIC STORE, SELECTED BY RETAILER (URL-DF4)</p>

FIG. 3A21A

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00715249 111700

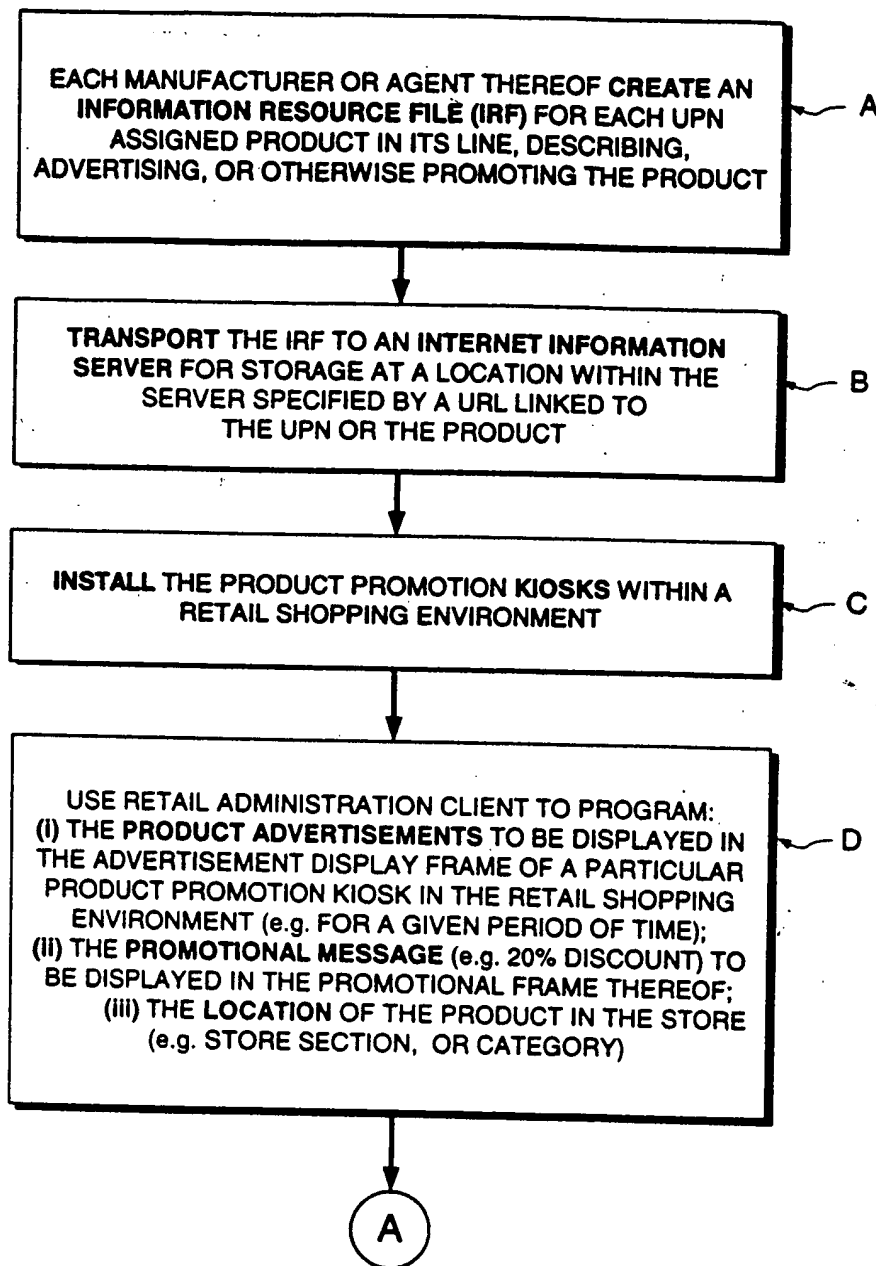


FIG. 3A22A

00745846-11700

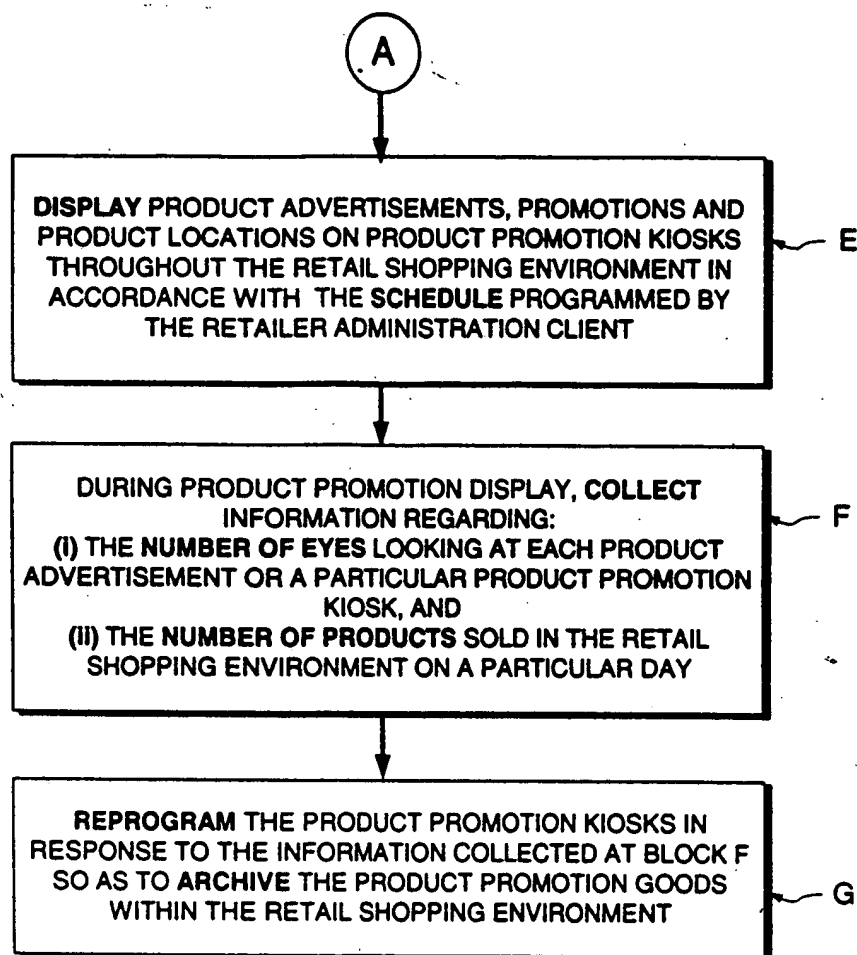


FIG. 3A22B

[illegible][illegible]

FIG. 3A23

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00211-81851-200

UPN (PRODUCT)	TIME/DATE	EYE COUNTS	URL/AD	# OF UPN SOLD ON SAME DATE	# OF UPN SOLD ON 2ND DATE	# OF UPN SOLD ON 3RD DATE	# OF UPN SOLD ON 4TH DATE

REPORT

FIG. 3A24



FIG. 3B

00211-01057200

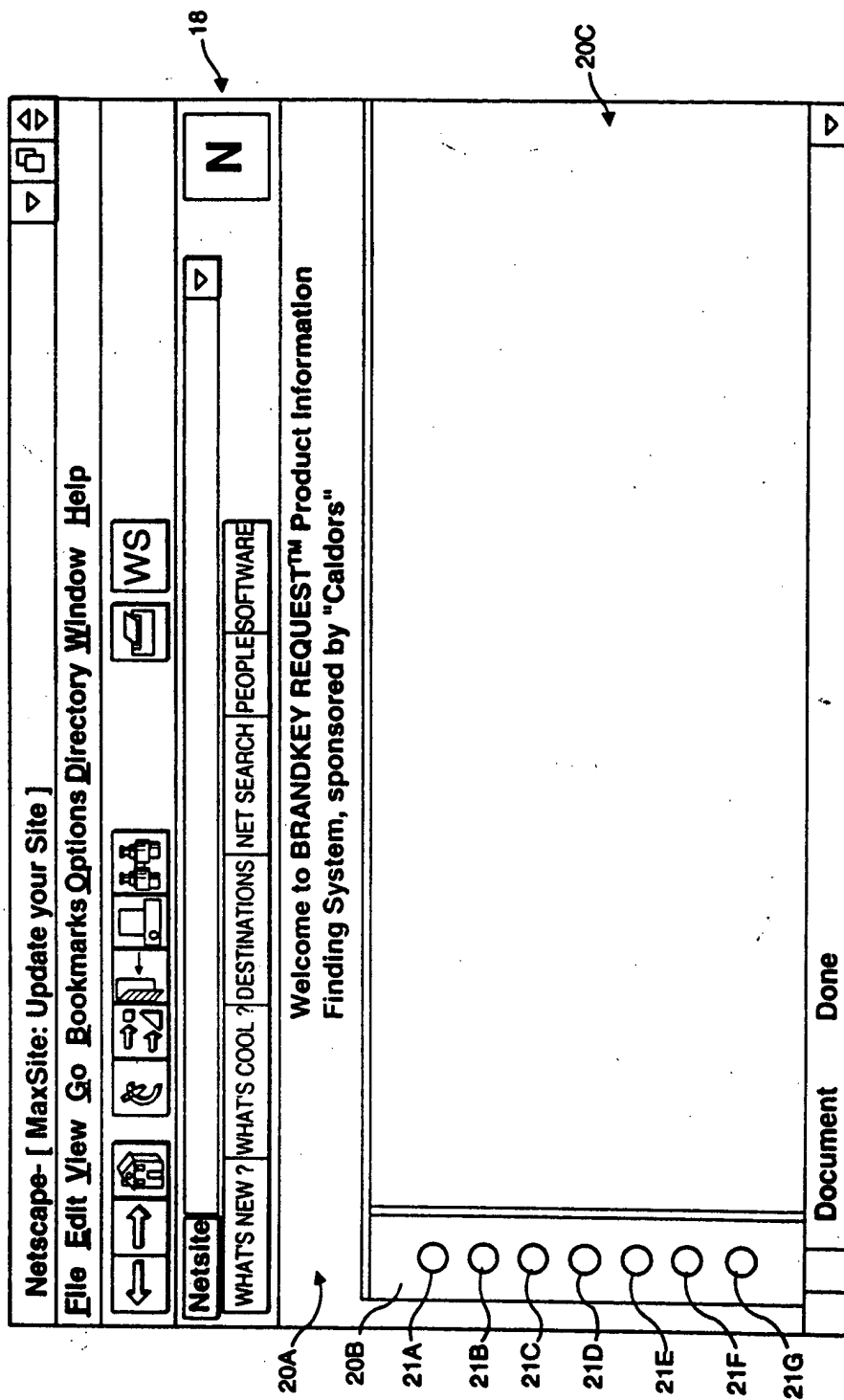


FIG. 3C

00211-81851200

IP / SN	REGISTRANT'S NAME AND ADDRESS	PRODUCT DESCRIPTION	UNIFORM RESOURCE LOCATOR (URL)	TRADE/ SERVICE MARKS	e-mail ADDRESS	CPIR APPLETS	STATUS
7/18908/17674/ 0	APPLE COMPUTER, INC. CUPERTINO, CA.	POWER MAC 7600/120 COMPUTER	http://www.power.com/pc	POWER MAC			
0/373/100/6	PROCTOR & GAMBLE	TOOTH PASTE	http://www.tooth.com/pc	CREST			
3/12547/68404/ 0	WARNER WELCOME	ACID REDUCER	http://www.zantac.com/pc	ZANTAC ZANTAC 75			
0/00005/17643/ 4	KODAK, INC.	FILM PROCESSING	http://www.kodak.com/pc	KODAK			
0/27242/51057/ 9	SONY, INC.	PERSONAL COMPUTER	http://www.sony.com/pc	SONY			

FIG. 4A1

CONSUMER PRODUCT INFO. REQUEST.
CPIR-ENABLING APPLLET LIBRARY

002117 Sheet 200

URL	PRODUCT SPECIFICATION INFORMATION FIELD	PRODUCT UPDATE INFORMATION FIELD	PRODUCT WARRANTY / SERVING INFORMATION FIELD	PRODUCT INCENTIVE INFORMATION FIELD	PRODUCT REVIEW INFORMATION FIELD	MISCELLA- NEOUS INFORMATION FIELD	PRODUCT ADVERTI- SEMENT INFORMATION FIELD
...

FIG. 4A2

00000000000000000000

IP / S N	REGISTRANT'S NAME AND ADDRESS	PRODUCT DESCRIPTION	TRADE/SERVICE MARKS	E-MAIL ADDRESS	STATUS
7/05089/37460/7	NETSCAPE COMMUNICATIONS CORP.	INTERNET NAVIGATOR	NETSCAPE, NAVIGATOR		
0/30000/01020/4	QUAKER, INC.	OATMEAL	QUAKER		
0/496/390/1	COLA COLA, INC.	COCA SODA	COCA - COLA, COKE		
0/7599/24245/2	WARNER BROS.	PAT METHANY AUDIO CD	GEFFEN		
:	:	:	:	:	:
:	:	:	:	:	:
:	:	:	:	:	:

FIG. 4B

00000000000000000000

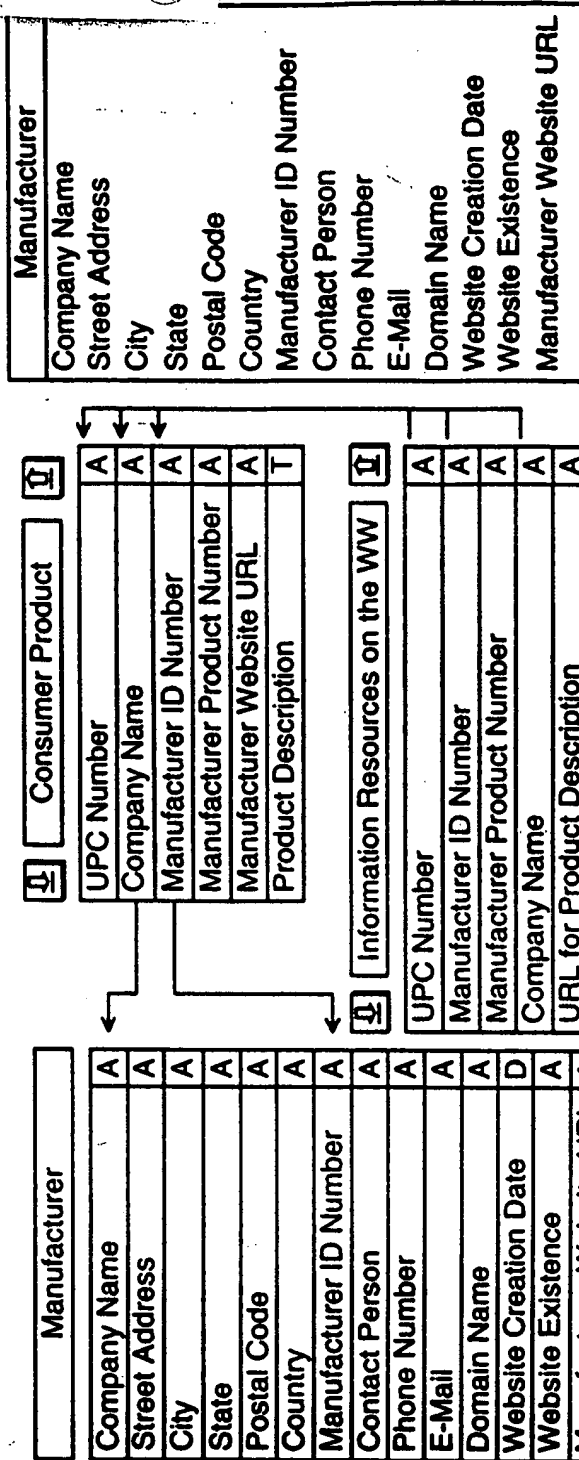


FIG. 4C

FIG. 4C1

03211-81331200

Consumer Product
UPC Number
Company Name
Manufacturer ID Number
Manufacturer Product Number
Manufacturer Website URL
Product Description
Primary Trademark
Secondary Trademark
Package Type
UPC Symbol Type
Website Marking on Package
800 Consumer Phone Number

FIG. 4C2

Info. Resources on WWW
UPC Number
Manufacturer ID Number
Manufacturer Product Number
Company Name
URL For Product Description
URL For Product Manual
URL For Warranty Service
URL For WWW Advertisement
URL For WWW Advertisement
URL For WWW Advertisement
URL For Product Wholesaler
URL For Product Wholesaler
URL For Product Wholesaler
URL For Product Retailer No.1
URL For Product Retailer No.2
URL For Product Retailer No.3
URL For Direct Product Purchase
URL For Complementary Product
URL For Complementary Product
URL For Complementary Product
URL For Company Annual Report
URL For Company Stock Purchase

FIG. 4C3

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002154141700

RETAILER
Company Name
Street Address
City
State
Postal Code
Country
Manufacturer ID Number
Contact Person
Phone Number
E-Mail
Domain Name
Website Creation Date
Website Existence
Manufacturer Website URL
Manufacturer No. 1
Manufacturer No. 2
Manufacturer No. 3
Manufacturer No. 4
Manufacturer No. 5
Manufacturer No. 6
Manufacturer No. 7
Manufacturer No. 8
Manufacturer No. 9
Manufacturer No. 10
⋮
Manufacturer No. N

FIG. 4D

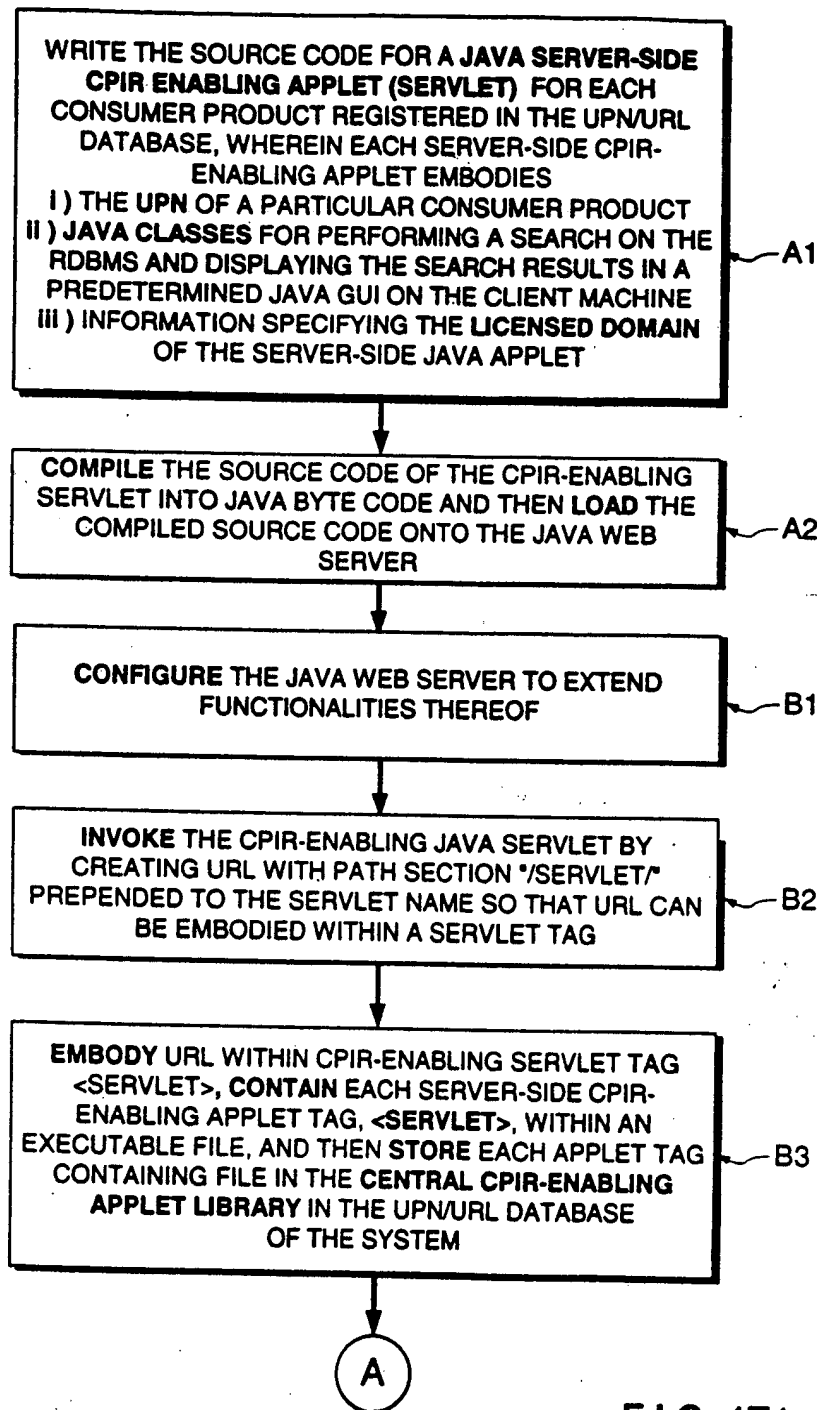


FIG. 4E1

FIG. 4E2

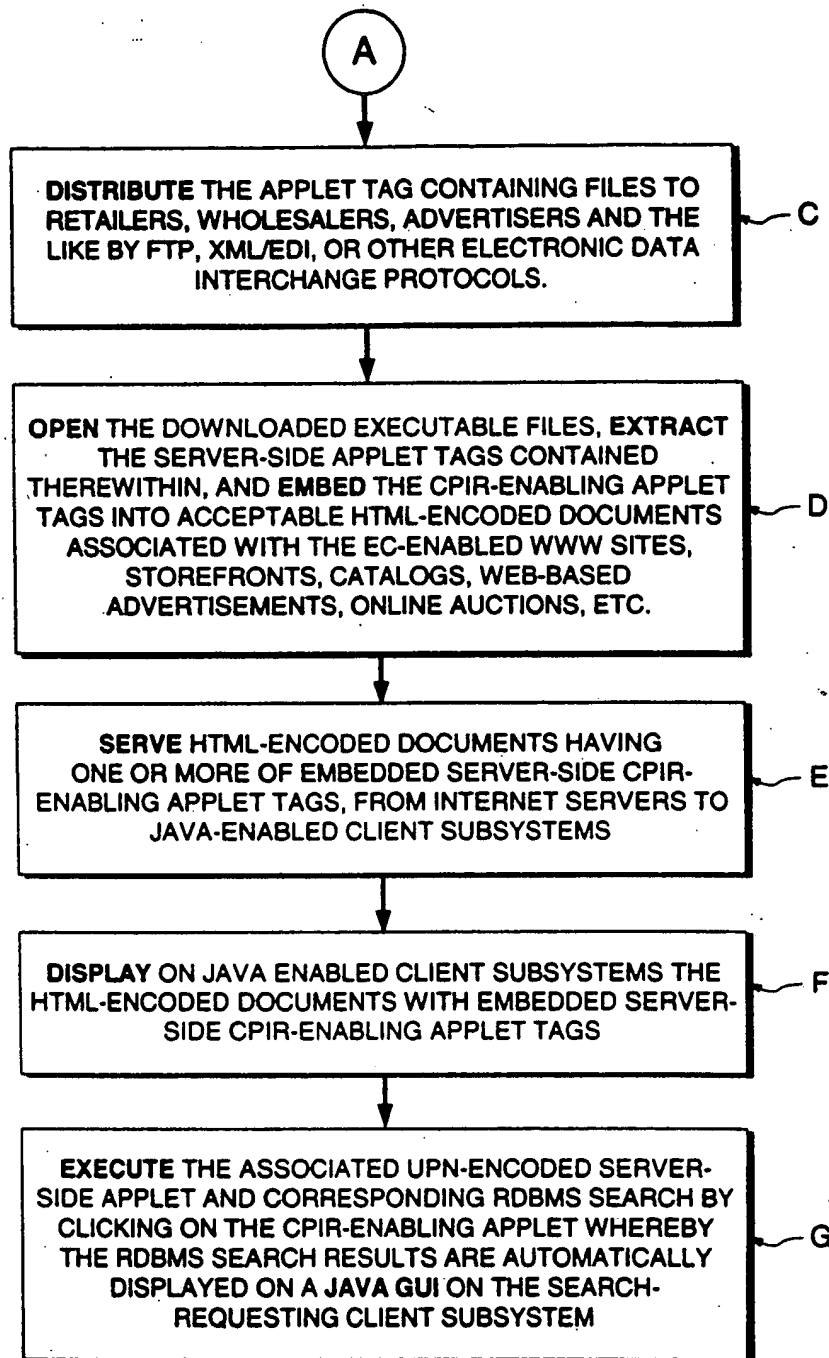


FIG. 4E2

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00211-81851200

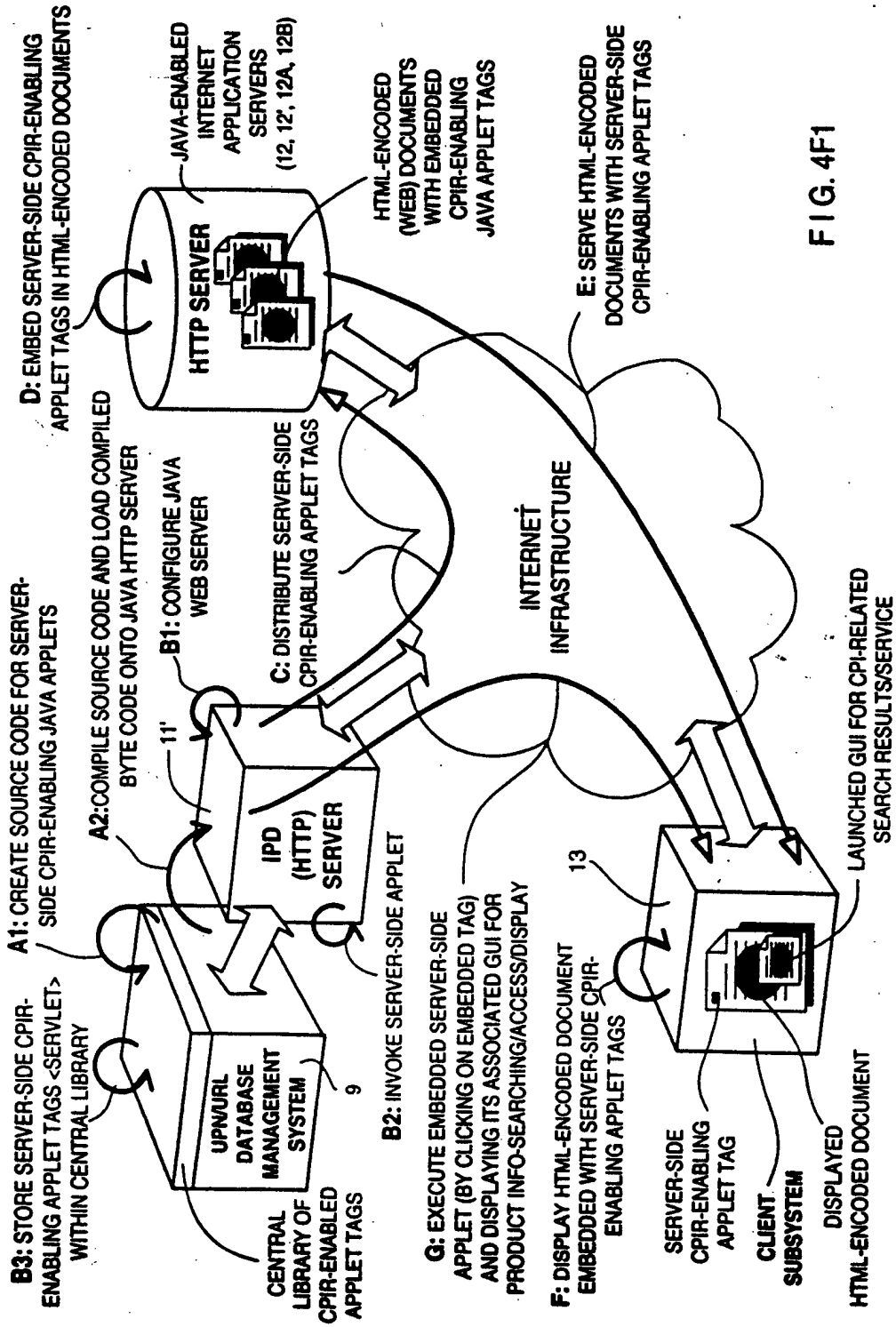


FIG. 4F1

60/173

FIG. 4F2

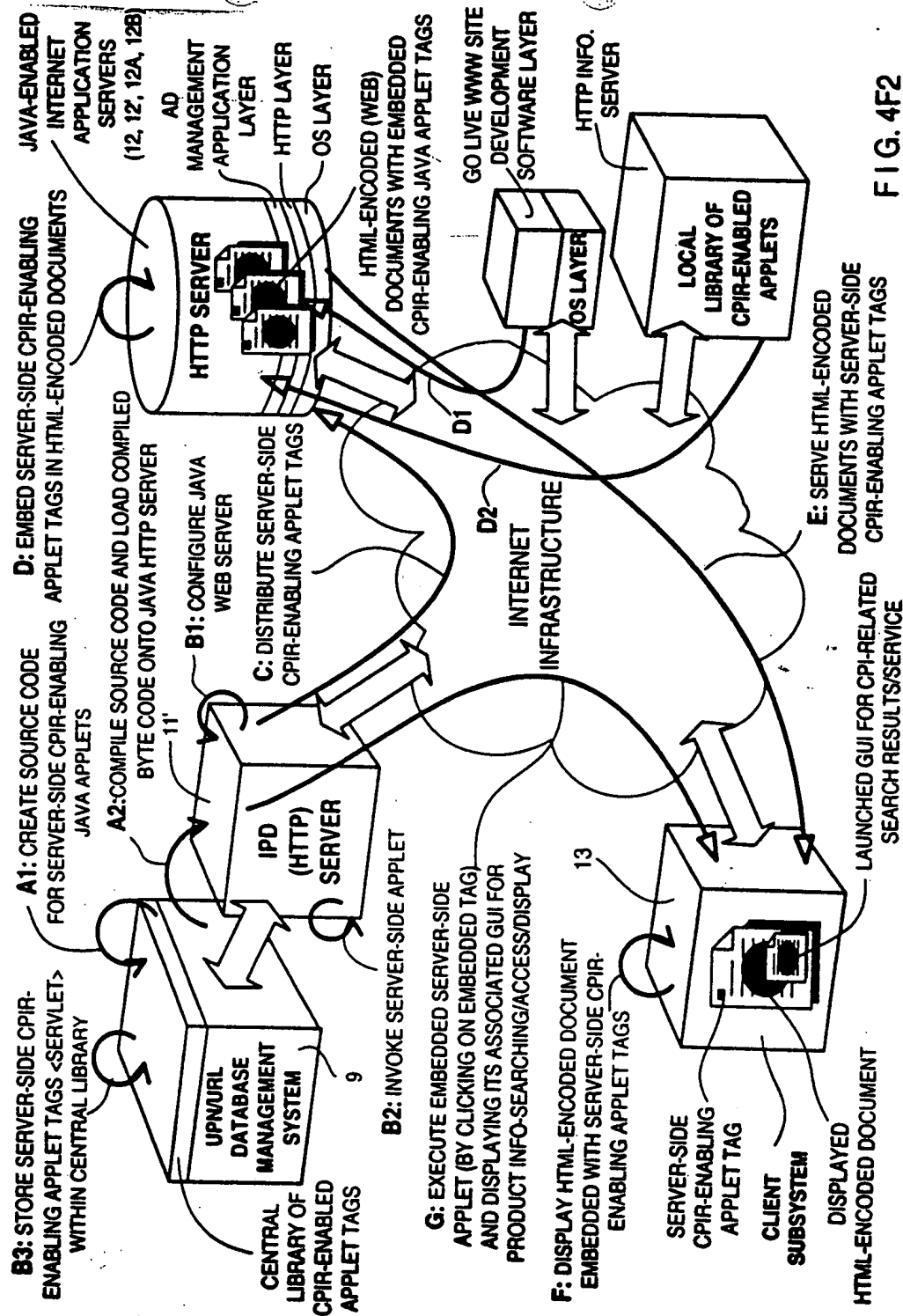


FIG. 4F2

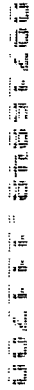


FIG. 4G2

FIG. 4H1

U.S. PAT. & TM. OFF.

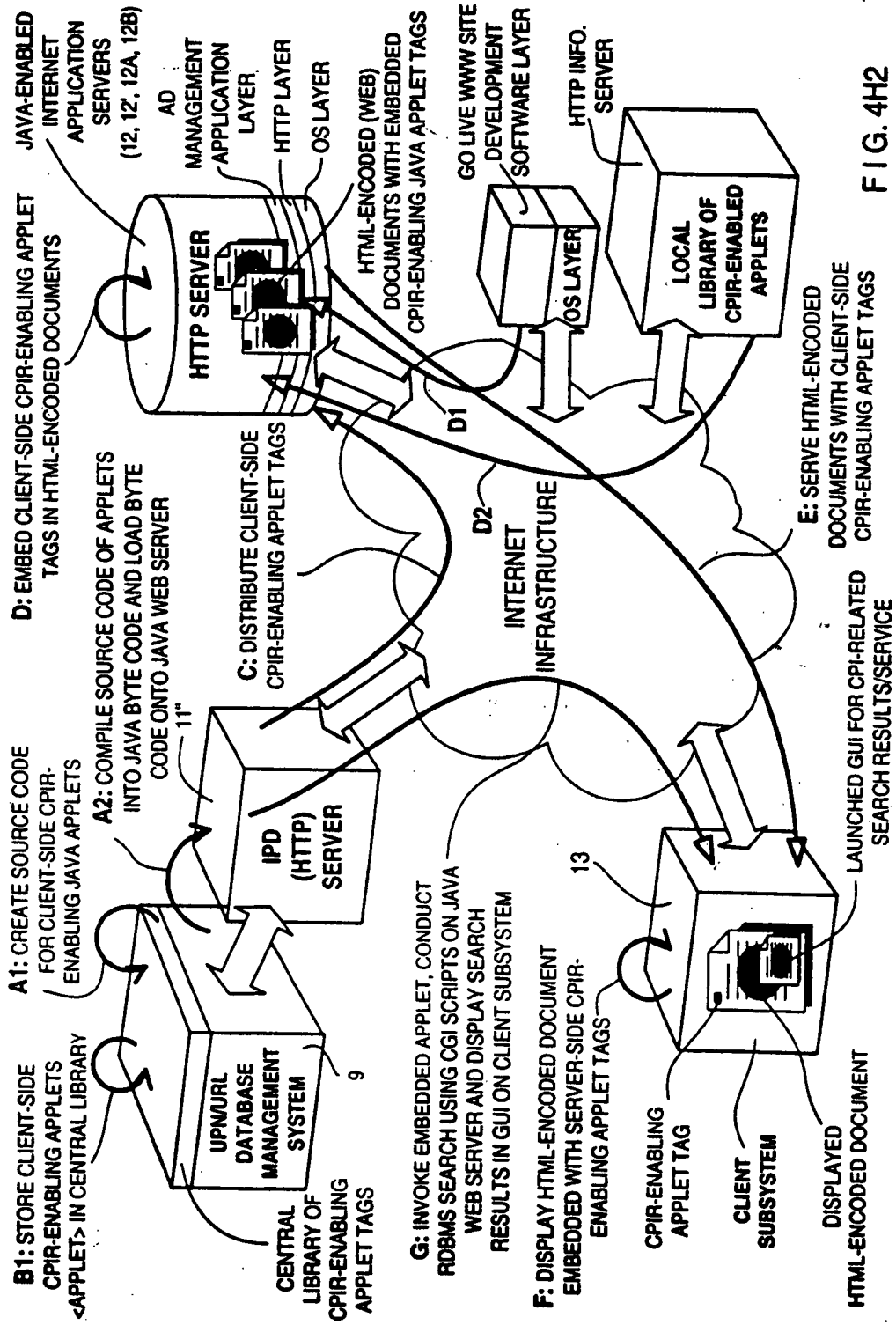


FIG. 4H2

65/193

WRITE THE SOURCE CODE FOR A JAVA CLIENT-SIDE CPIR
ENABLING APPLLET FOR EACH CONSUMER PRODUCT
REGISTERED IN THE UPN/URL DATABASE, WHEREIN EACH
CLIENT-SIDE CPIR-ENABLING APPLLET EMBODIES:
I) THE UPN OF A PARTICULAR CONSUMER PRODUCT
II) JAVA CLASSES FOR CREATING A SOCKET CONNECTION
BETWEEN THE CLIENT SYSTEM AND JAVA WEB SERVER
AND TO PERFORM A SEARCH ON THE RDBMS SERVER, AND
DISPLAYING THE SEARCH RESULTS IN A PREDETERMINED
JAVA GUI ON THE CLIENT SUBSYSTEM
III) INFORMATION SPECIFYING THE LICENSED DOMAIN OF
THE CLIENT-SIDE JAVA APPLLET

A1

COMPILE THE SOURCE CODE OF EACH CPIR-ENABLING
APPLLET INTO JAVA BYTE CODE AND THEN LOAD THE
JAVA BYTE CODE ONTO THE JAVA WEB SERVER

A2

CONTAIN EACH CLIENT-SIDE CPIR-ENABLING APPLLET
TAG, <APPLLET>, WITHIN AN EXECUTABLE FILE, AND
THEN STORE EACH APPLLET TAG CONTAINING FILE IN
THE CENTRAL CPIR-ENABLING APPLLET LIBRARY IN THE
UPN/URL DATABASE OF THE SYSTEM

B1

DISTRIBUTE THE APPLLET TAG CONTAINING FILES TO
RETAILERS, WHOLESALERS, ADVERTISERS AND THE
LIKE BY FTP, XML/EDI, OR OTHER ELECTRONIC DATA
INTERCHANGE PROTOCOLS.

C

A

FIG. 411

09715449-11200

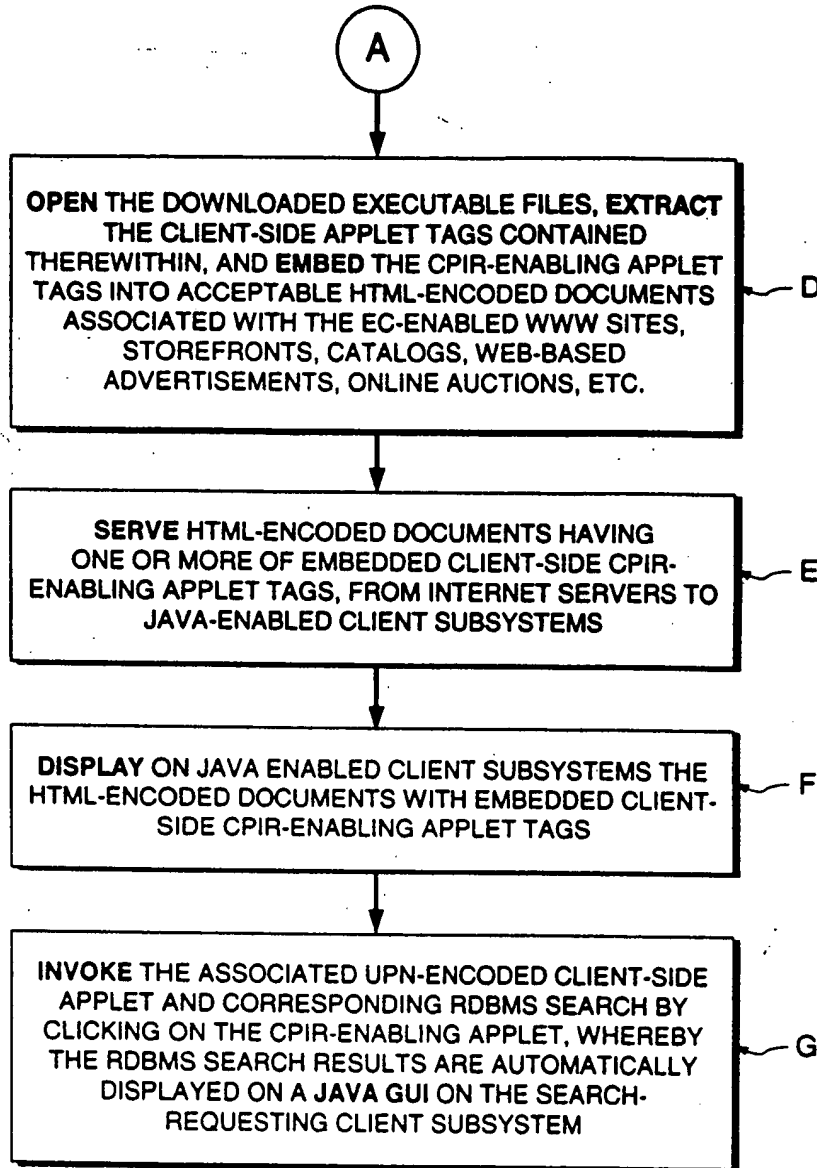


FIG. 412

07/193

002111 81051200

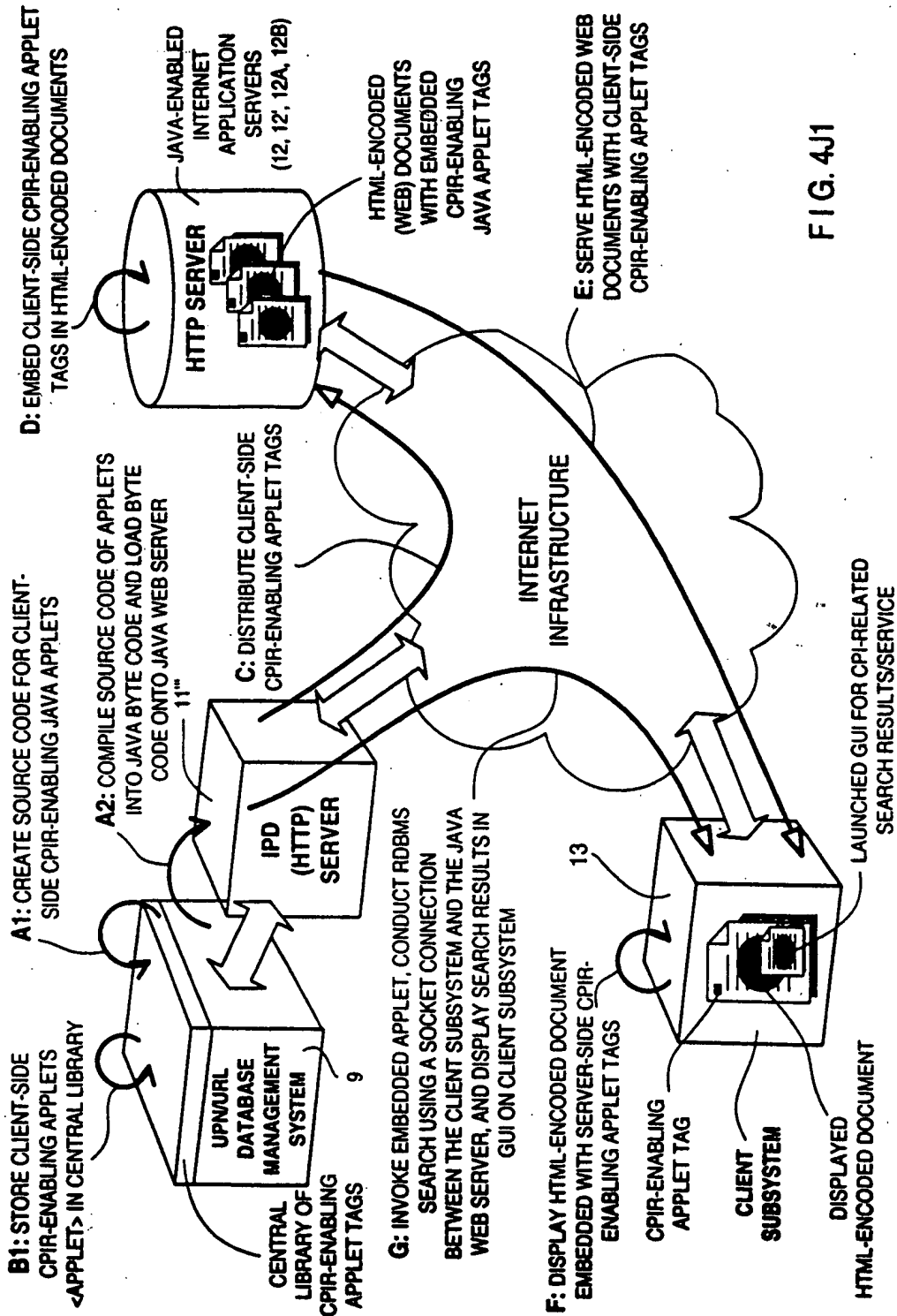


FIG. 4J1

60/113

00244-87857-200

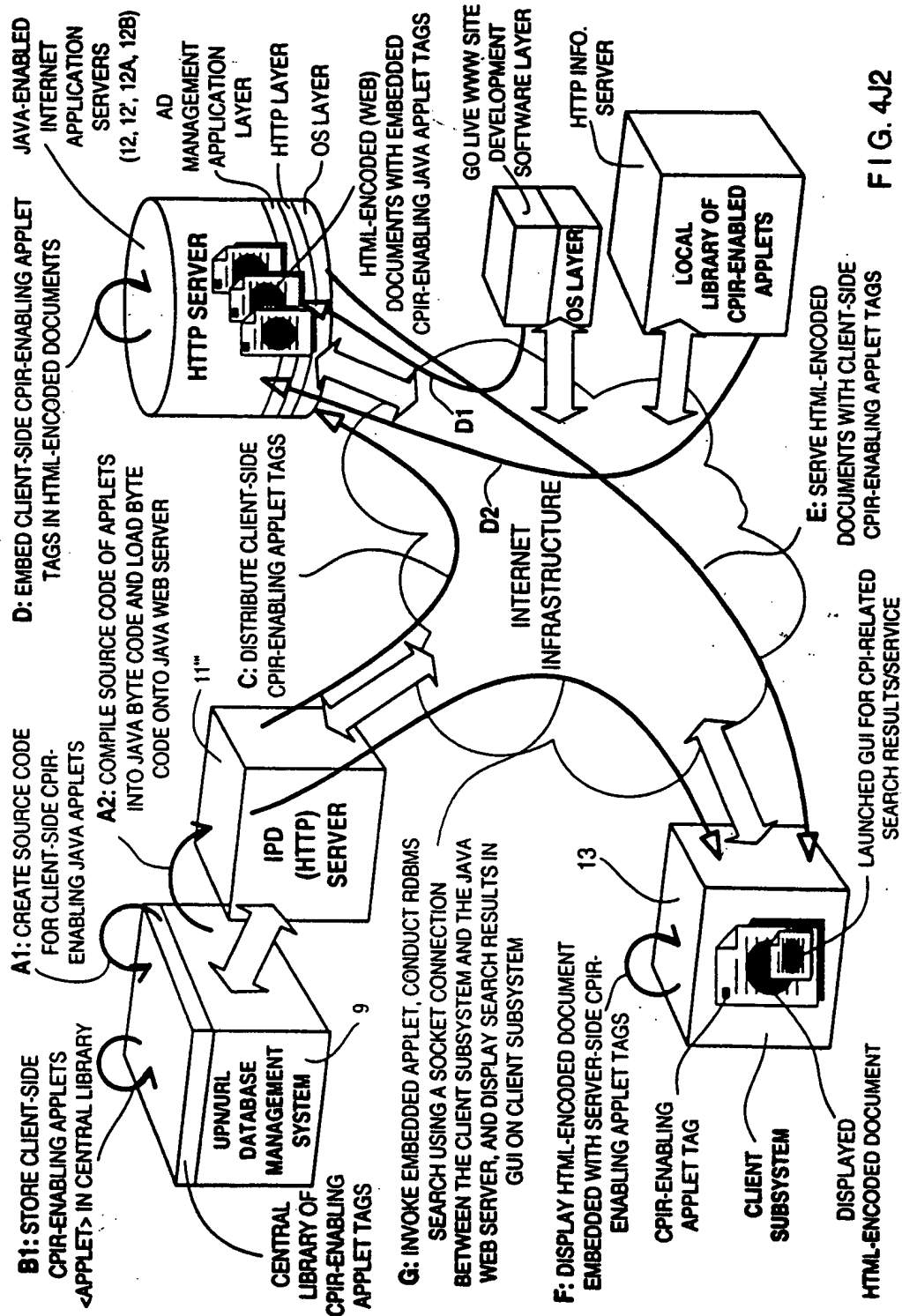


FIG. 4J2

00716048-111700

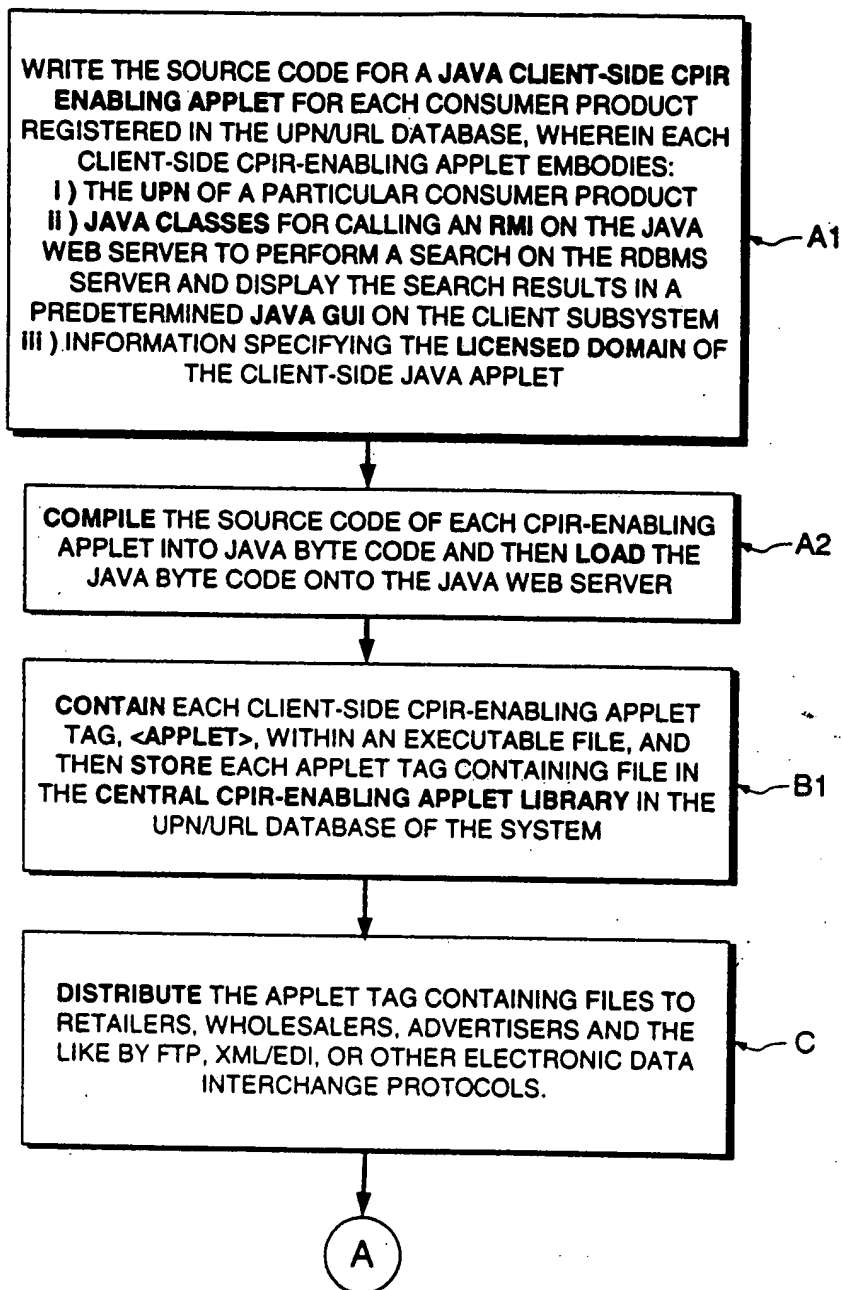


FIG. 4K1

002711 00357200

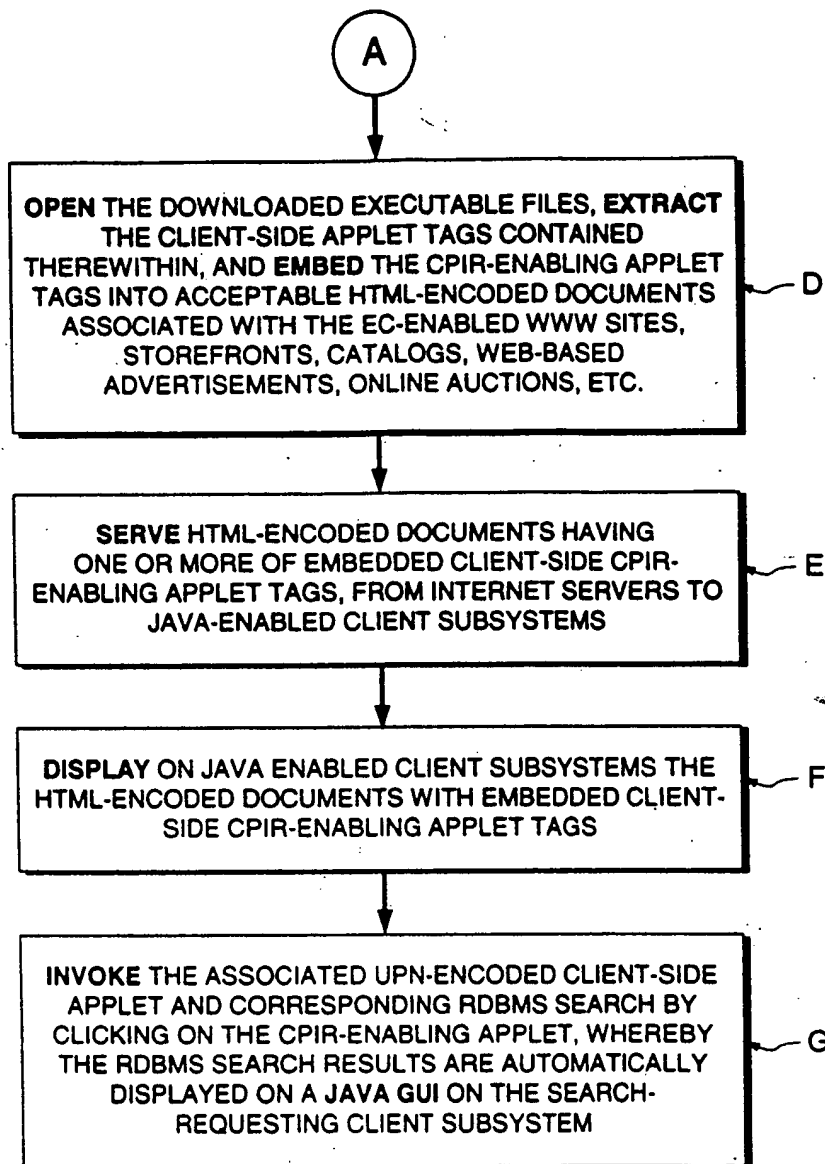


FIG. 4K2

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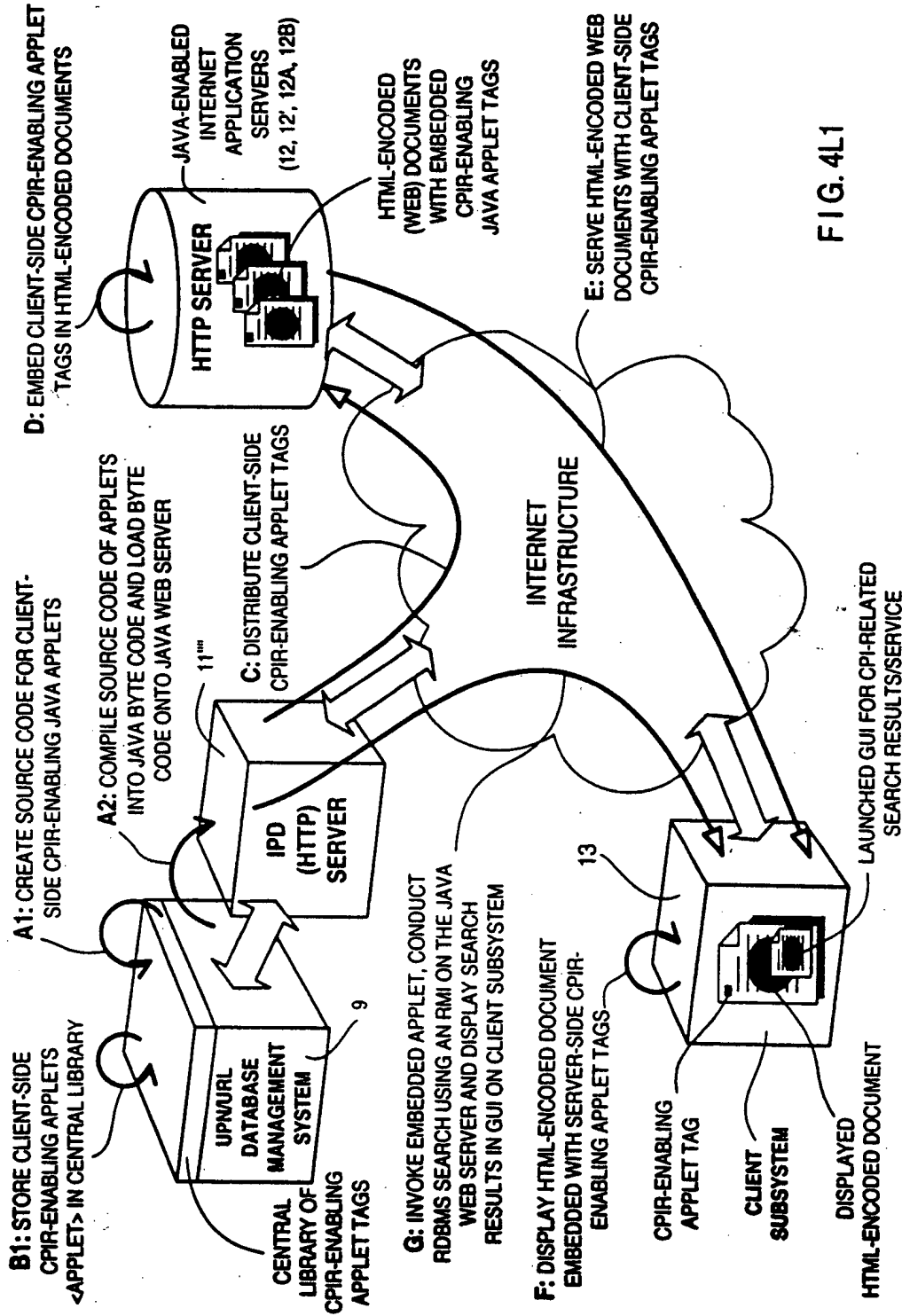


FIG. 4L1

12/193

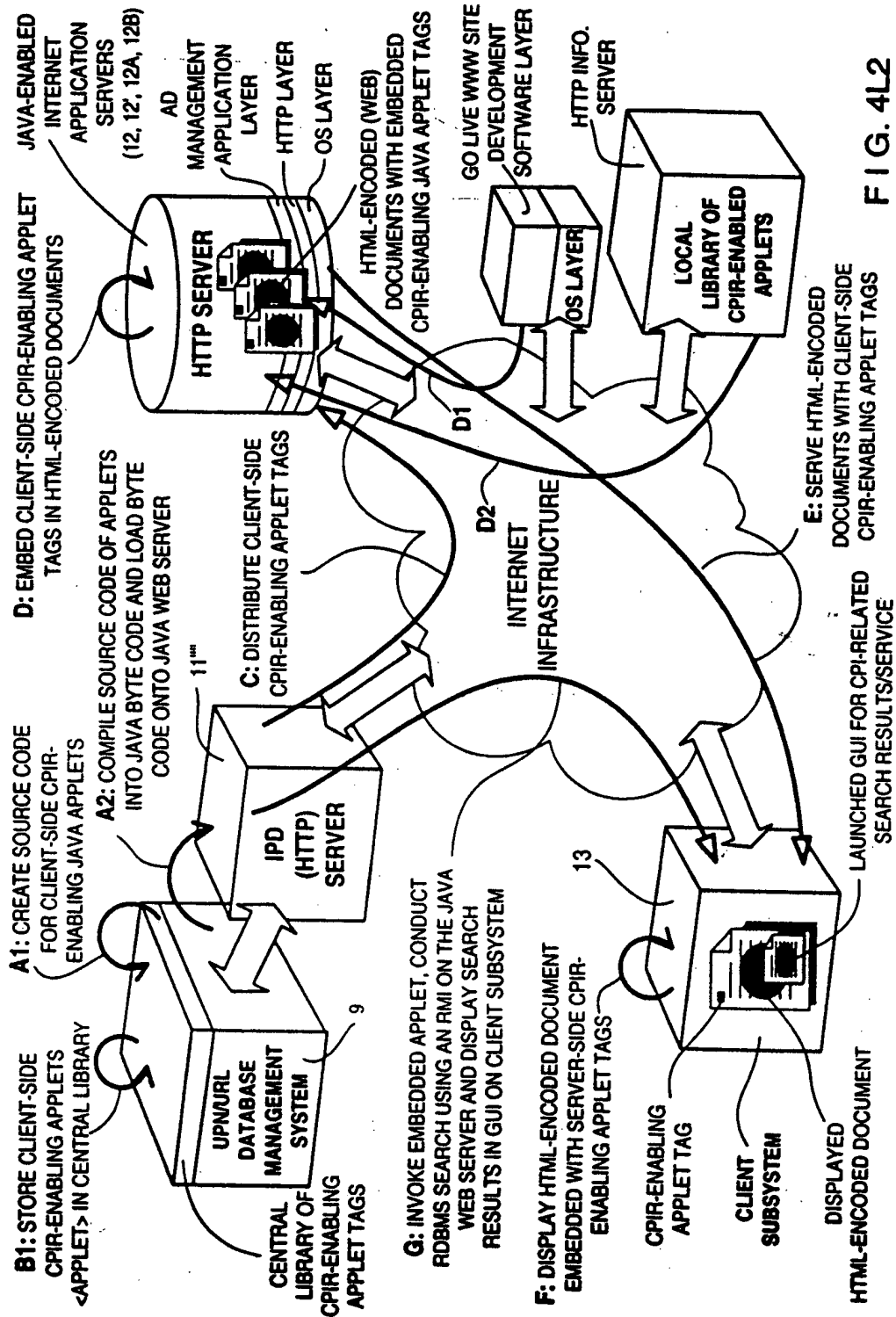


FIG. 4L2

13/173

002111 81051260

BRANDKEY REQUEST™ CONSUMER PRODUCT INFORMATION SERVER			
CENTRAL LIBRARY OF CPiR-ENABLING APPLETS			
UPC No.	Trademark	Manufacturer No.	Download
0000000000	Power Mac Computer	0000000000	Click here to Download
111111111111	Sony	1111111111111111	
2222222222	J. Crew	22222222222222	

FIG. 4M1

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00277 87051200




File		Vendor # 124164612049		Vendor BLESSPORT		Product BLESSPORT		Description		100	
File		Vendor # 124164612049		Vendor BLESSPORT		Product BLESSPORT		Description		100	
<p>Blessport by Bill Blass. 100% spun silk, mock turtleneck in colors to match our plum blazer. Soft fine-gauge rib knit, fully fashioned. Hand Wash. Imported. Available in 8 colors.</p>											
											

FIG. 4M2

2

Yahoo! Network

My Yahoo! What's New Check Email
Personal Mail
Yahoo! Mail
free email for life

YAHOO!

HARDTOP
OR TOPLESS?

Free Seasonal Report The Central
Research Information Search

Click your
domain free

advanced search

Yahoo! Shopping - Computers, Videos, DVDs, CDs, Toys, Electronics and more
Shopping - Auctions - Yellow Pages - People Search - Mass. Travel - Classifieds - Personals - Games - Chat - Chat
Mail - Calendar - Messenger - Campaigns - My Yahoo! - News - Sports - Weather - TV - Stock Quotes - more...

Arts & Humanities
Literature, Photography...

Business & Economy
Companies, Finance, Jobs...

Computers & Internet
Internet, WWW, Software, Games...

Education
College and University, K-12

News & Media
Full Coverage, Newspapers, TV...

Recreation & Sports
Sports, Travel, Autos, Outdoors...

Reference
Libraries, Dictionaries, Quotations...

Regional
Countries, Regions, US States...

In the News
Millions who found in India...
McKinney jailed for 1st 1st...
Shepard murder...
Seattle gunmen still loose...
Client diagnosed discovered...
more...

Marketplace
VI Auctions - Pokemon...
Hello Kitty Shop...
VI Travel - plan your...
more...

FIG. 4N1

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002111 81031200

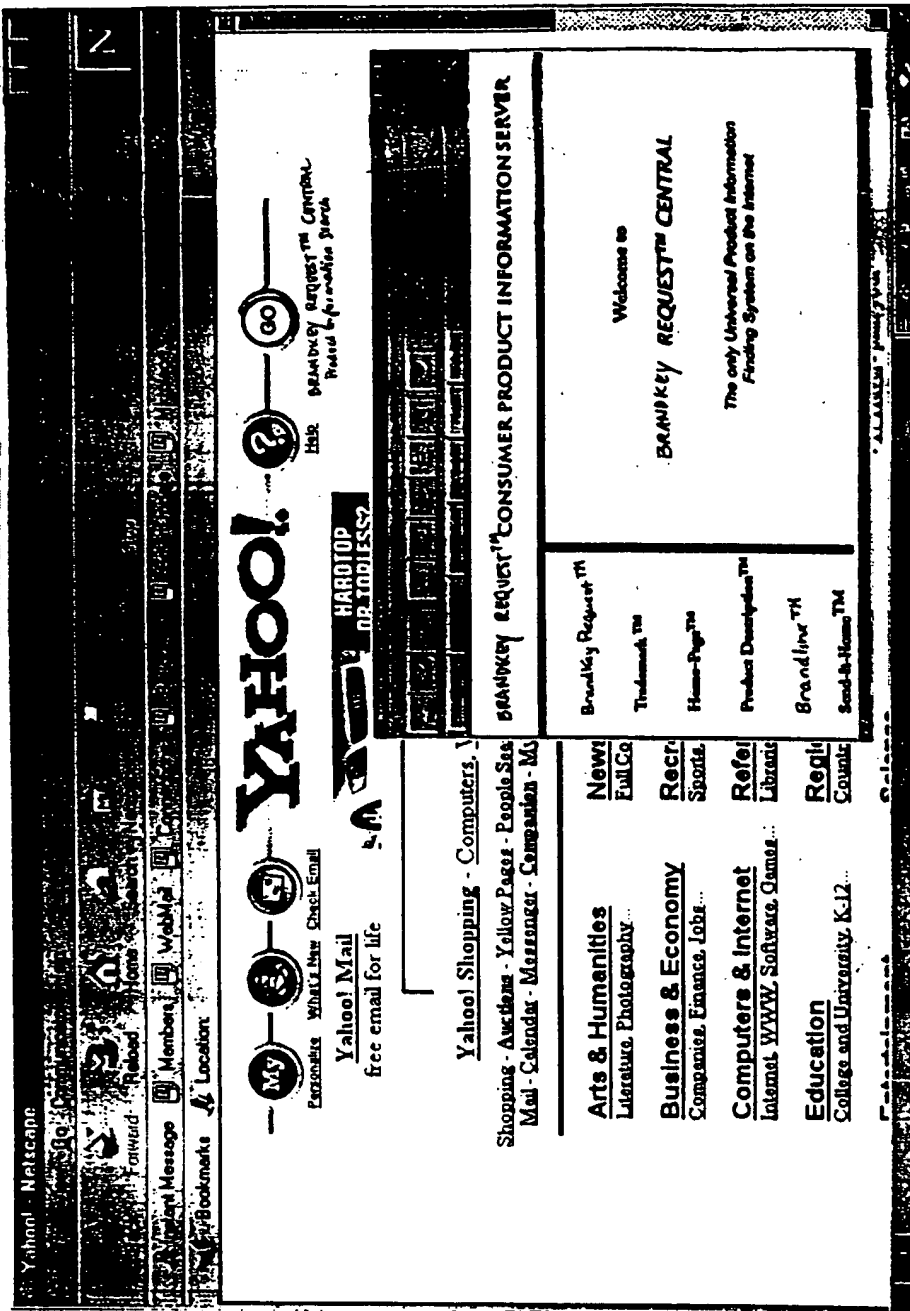


FIG. 4N2

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00211-21051200

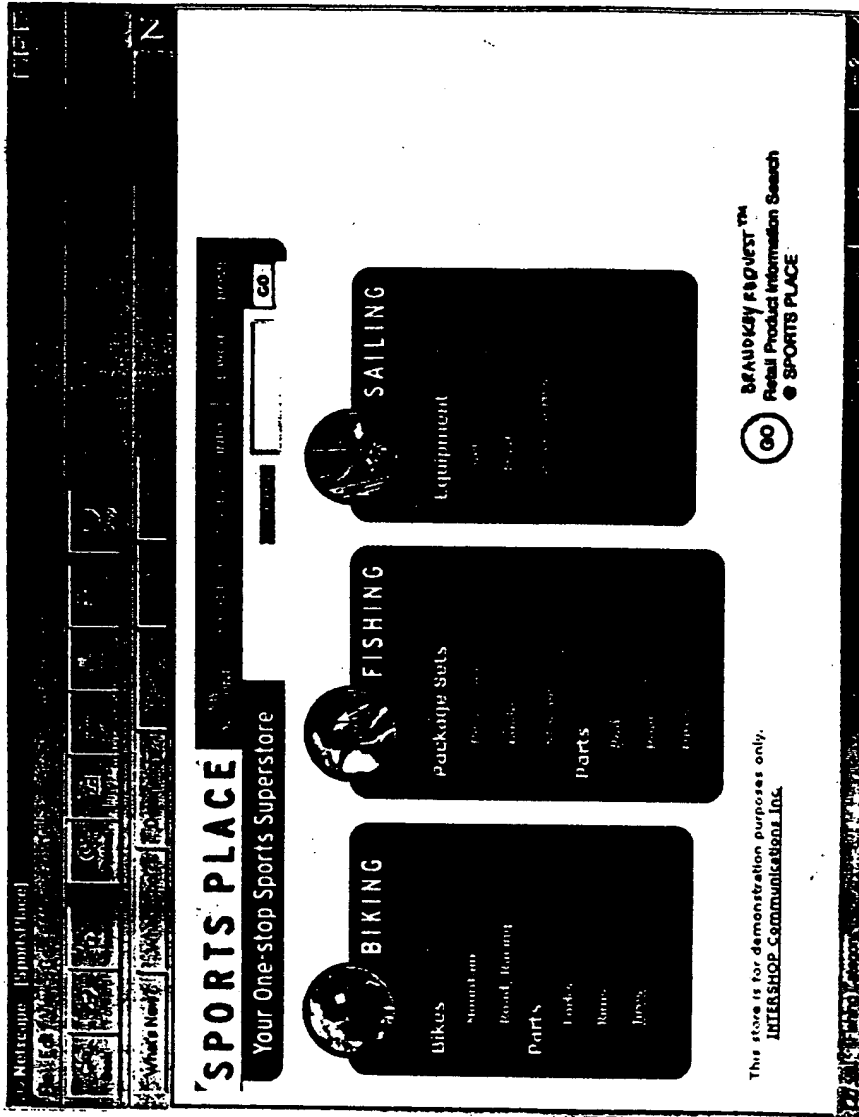


FIG. 401

[illegible]

FIG. 402

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00000000000000000000

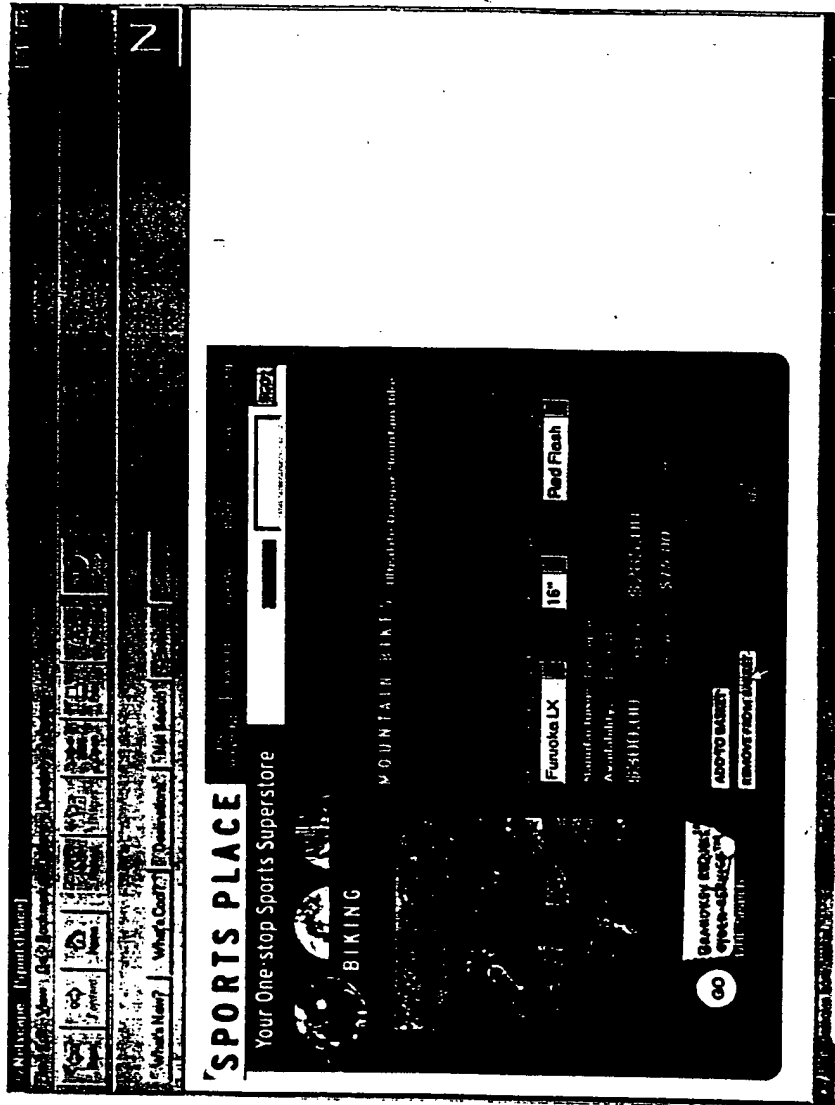


FIG. 4P1

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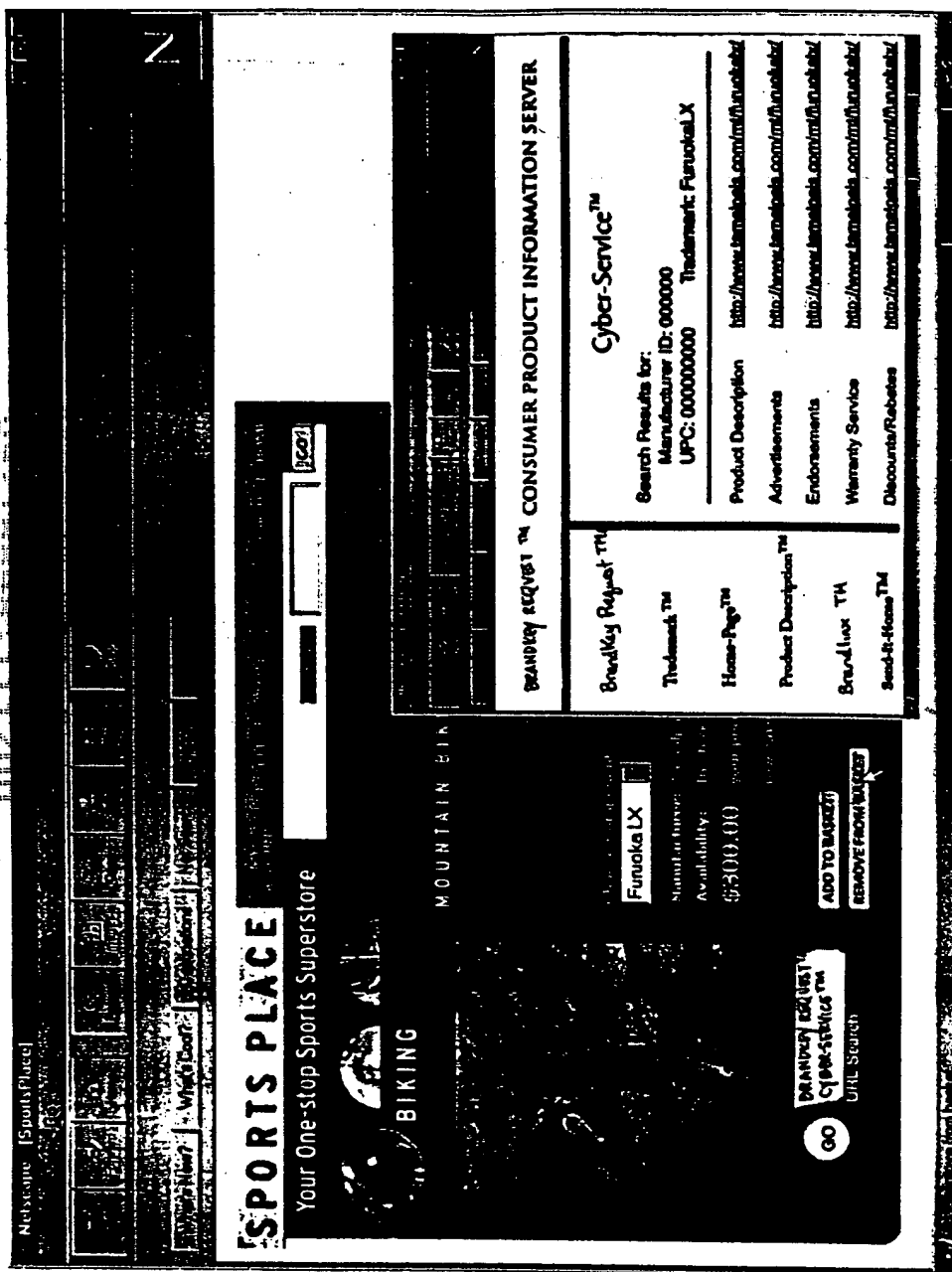


FIG. 4P2

FIG. 4Q1

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00211 81851200

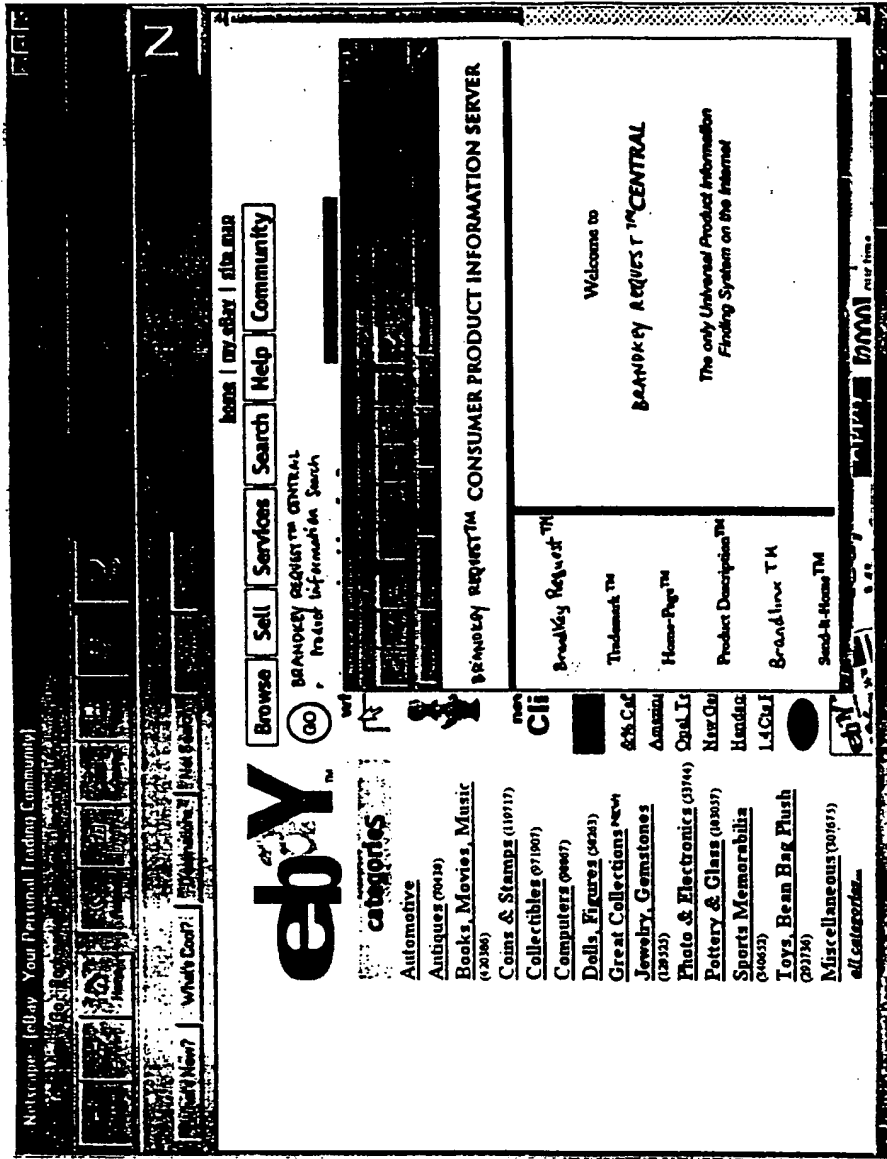


FIG. 4Q2

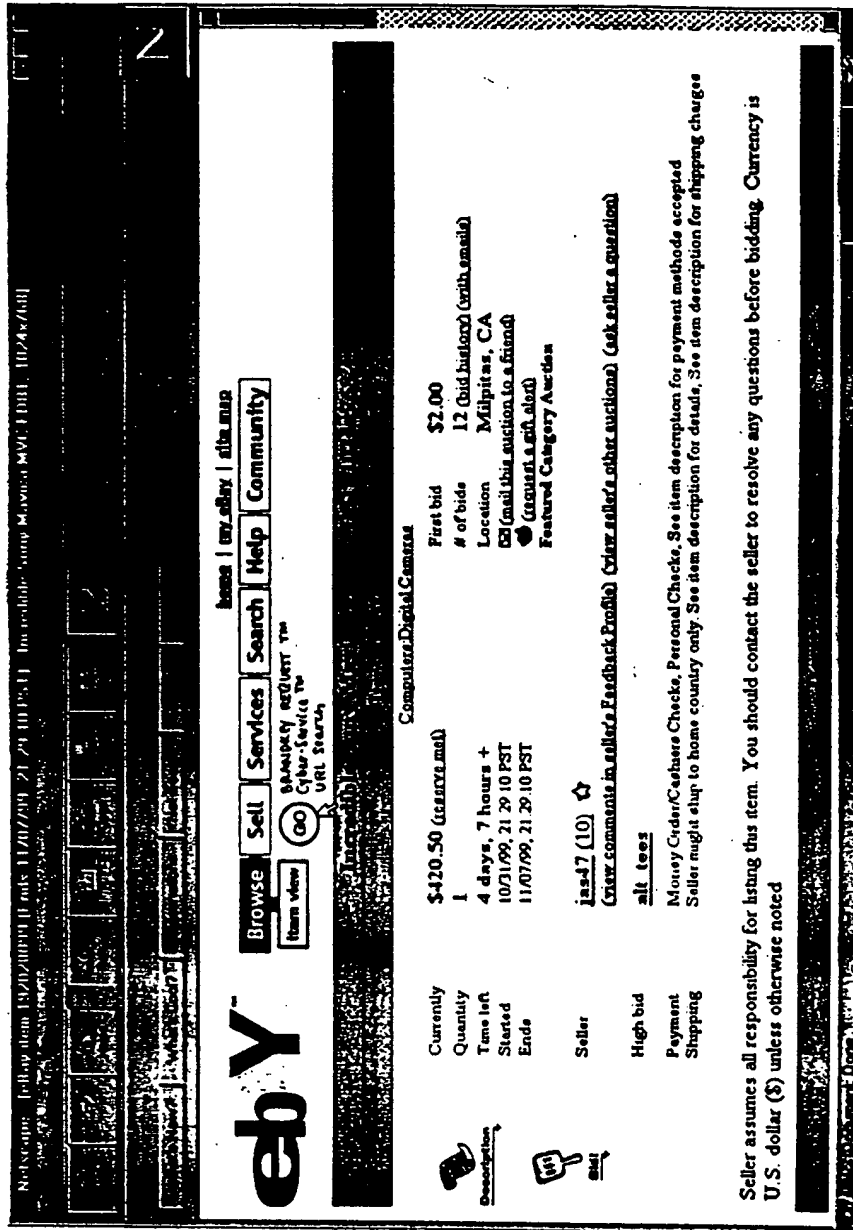
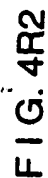



FIG. 4R1




057/173

002111 81051260

Index Netscape

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Thomas J. Perkowski, Esq., P.C.
Intellectual Property Advocacy

Soundview Plaza 1266 East Main Street
Stanford, Connecticut 06902
telephone (203) 357-1950
facsimile (203) 357-1959
email: info@tjpadlaw.com
<http://www.tjpadlaw.com>

"To own an invention, one must claim the invention;
To claim the invention, one must express the invention in words."

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FIG. 4S1

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00000000000000000000

index - Network

http://www.igslaw.com/

For more product details
find it at <-->

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URL Search

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Intellectual P

Soundview Plaza
Stanford,
telephone
facsimil
email: in
http://w
"To even as forward
To claim the invention, use m
Copyright © 1998 TJP.

BRANDKEY REQUEST™ CONSUMER PRODUCT INFORMATION SERVER

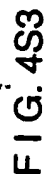
Cyber-Service™

Search Results for:
Manufacturer ID: 000000
UPC: 0000000000 Trademark: Compaq Presario

Product Description	http://www.socle.com/product.cfm
Advertisements	http://www.socle.com/product.cfm
Endorsements	http://www.socle.com/product.cfm
Discounts/Rebates	http://www.socle.com/product.cfm
Buy on the Web	http://www.socle.com/product.cfm

BUY NOW

FIG. 4S2



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00211 81091200

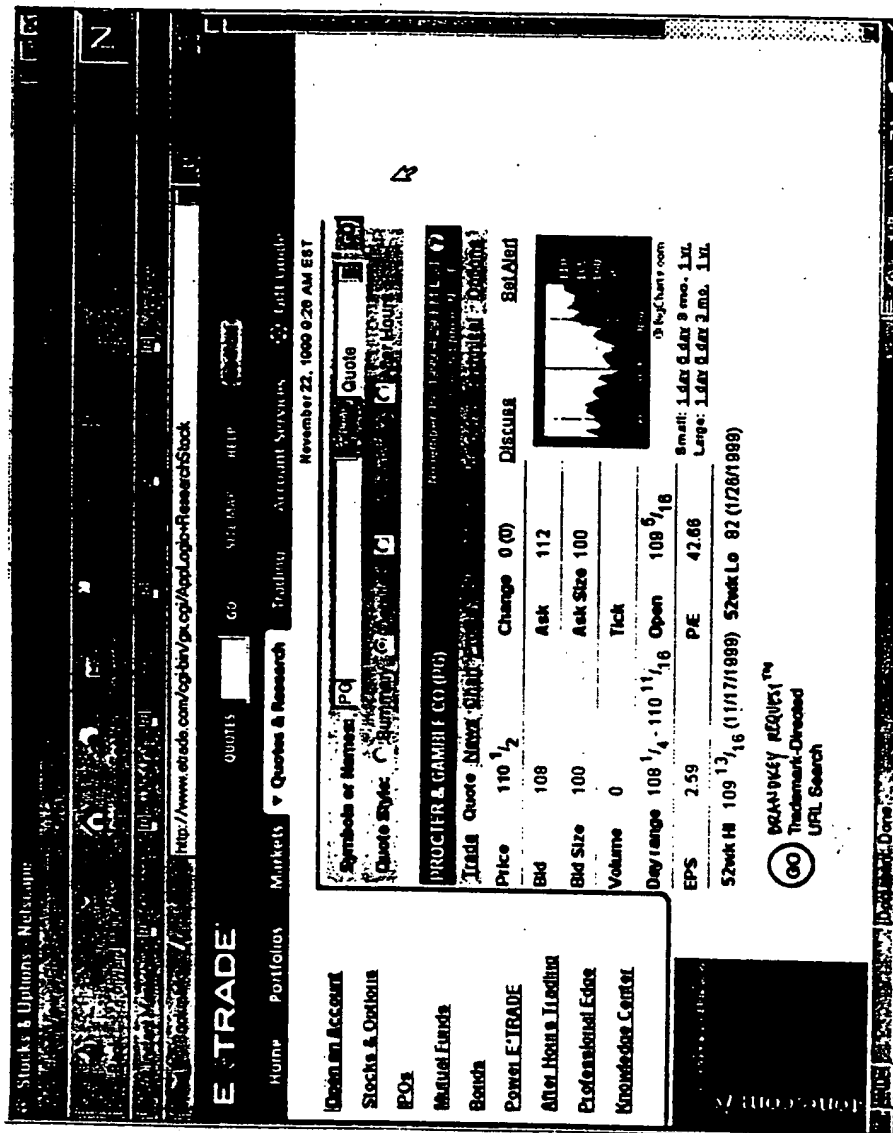


FIG. 4T1

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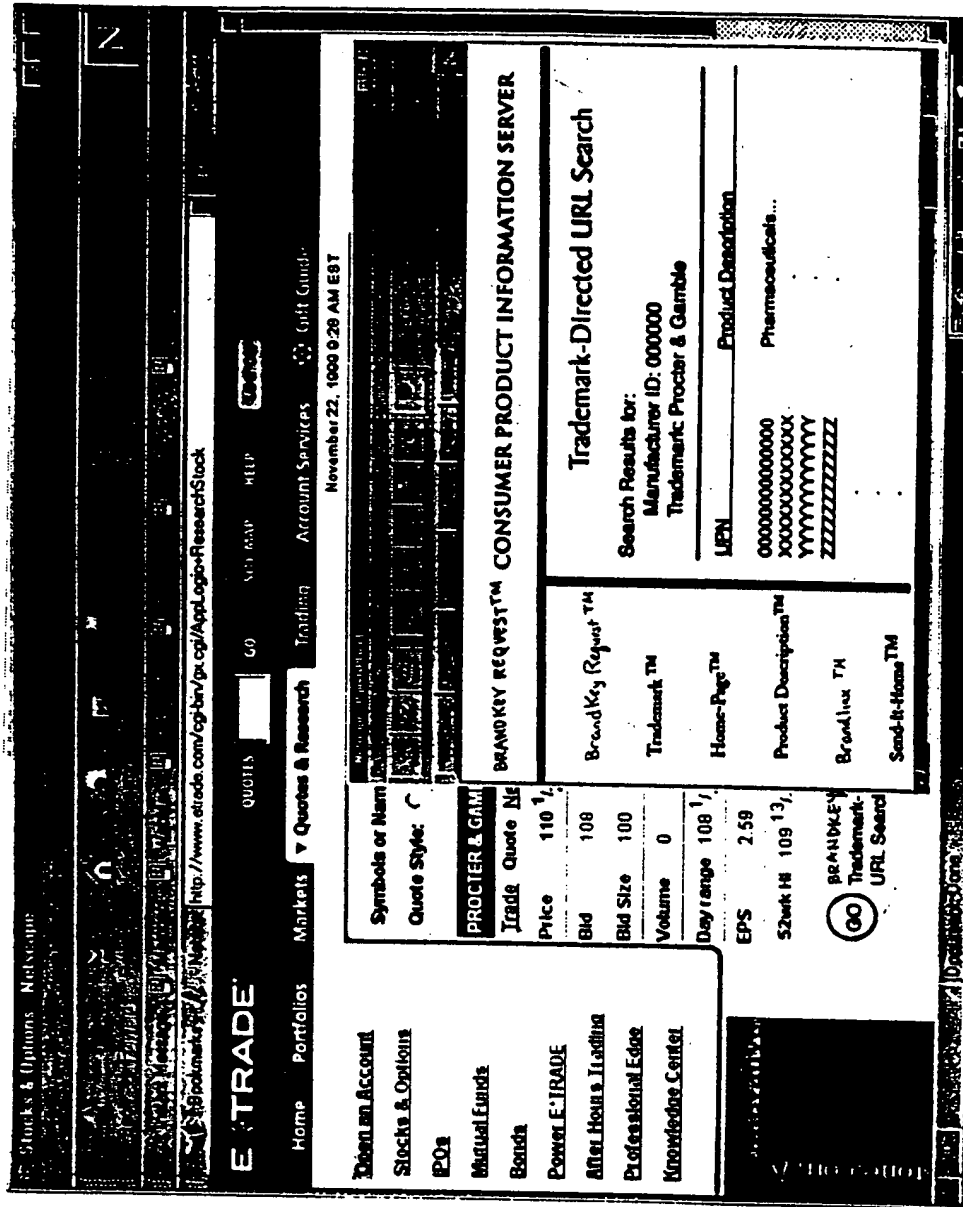


FIG. 4T2

MANUFACTURER / PRODUCT REGISTRATION MODE

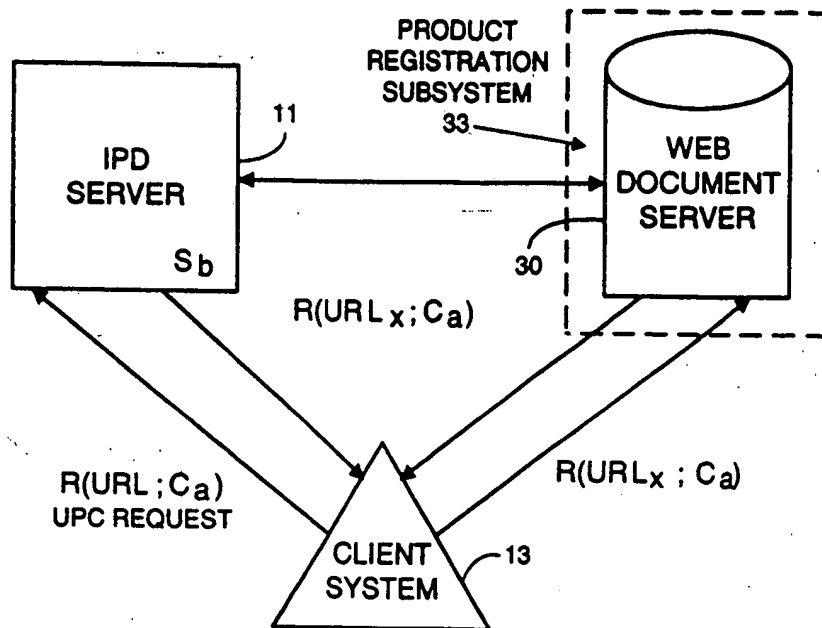


FIG. 5A

MANUFACTURER WEBSITE SEARCH MODE

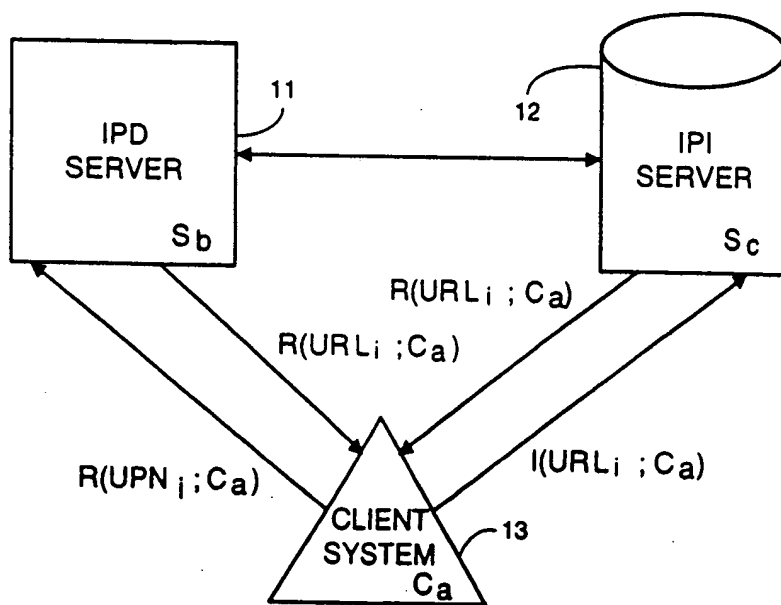


FIG. 5B

MANUFACTURER / PRODUCT REGISTRATION MODE

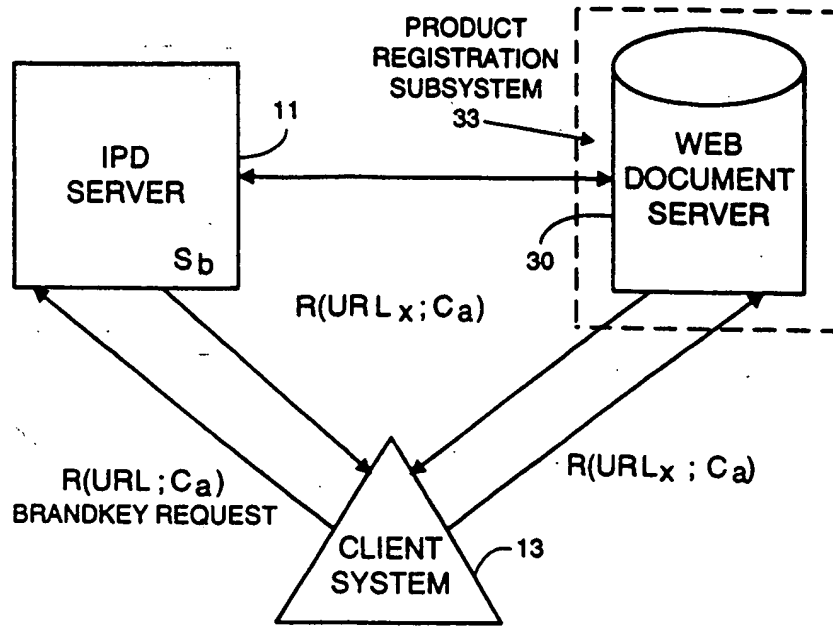


FIG. 5A

MANUFACTURER WEBSITE SEARCH MODE

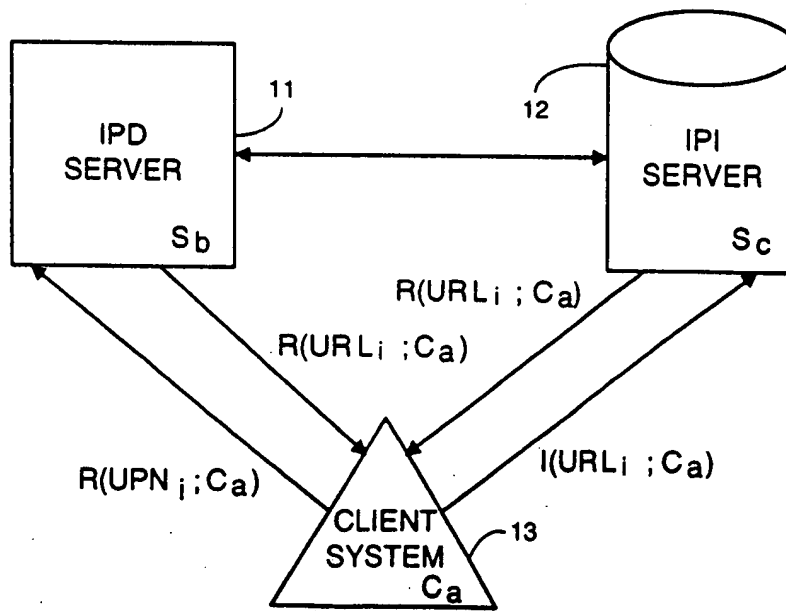


FIG. 5B

00211-81021-600

9/21/13

UPN - DIRECTED INFORMATION ACCESS MODE

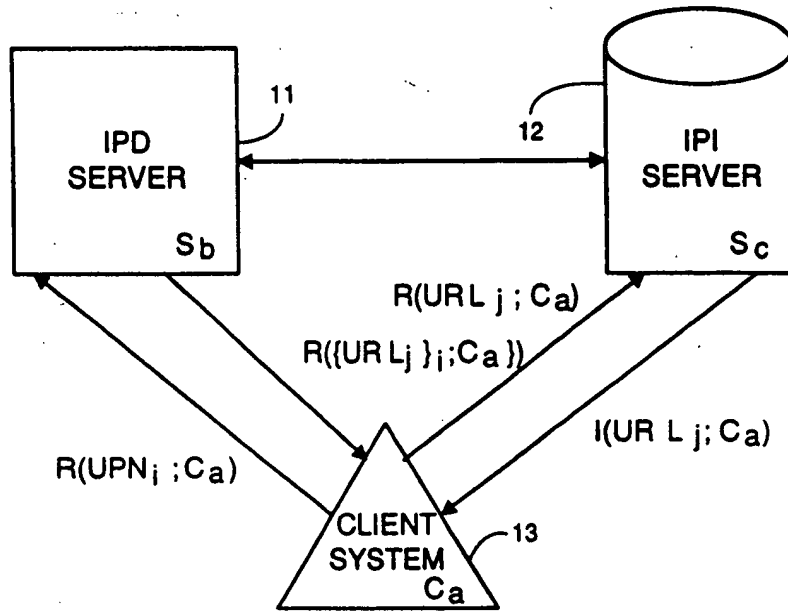


FIG. 5C

TRADE - MARK DIRECTED SEARCH MODE

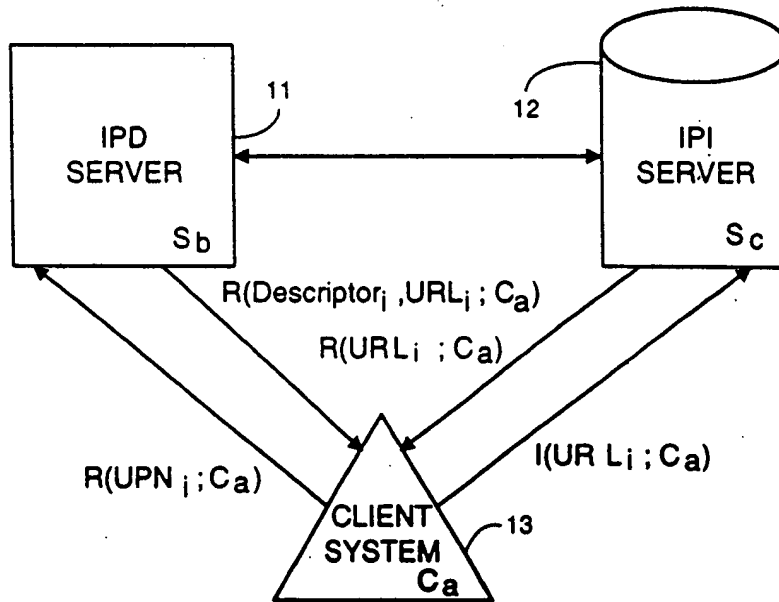


FIG. 5D

00715048-141700

PRODUCT - DESCRIPTION DIRECTED SEARCH MODE

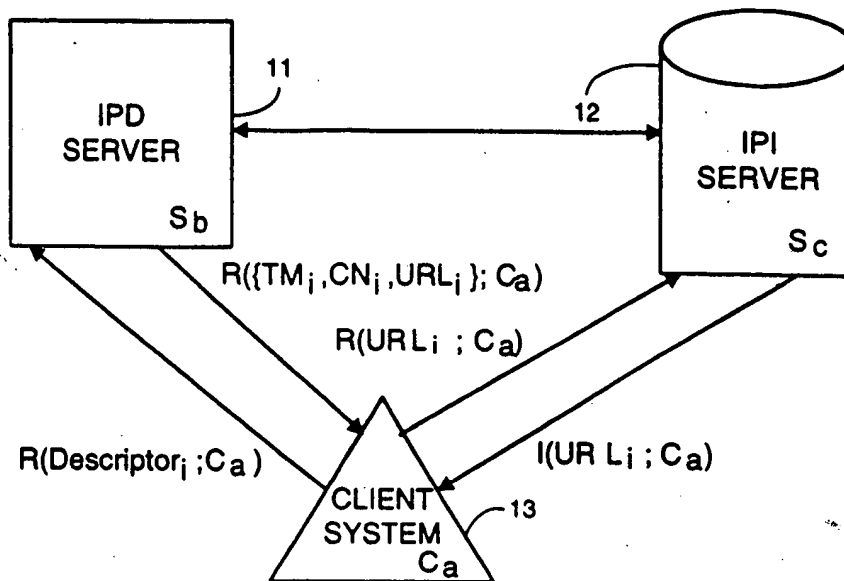


FIG. 5E

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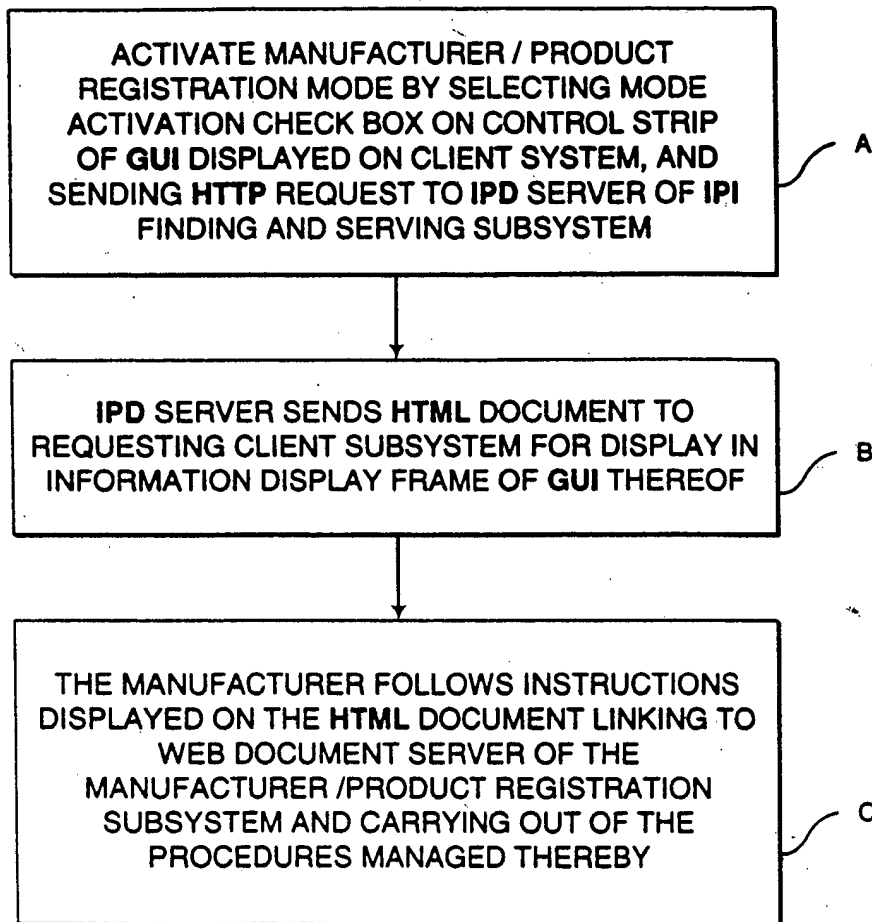


FIG. 6A

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007160400-111700

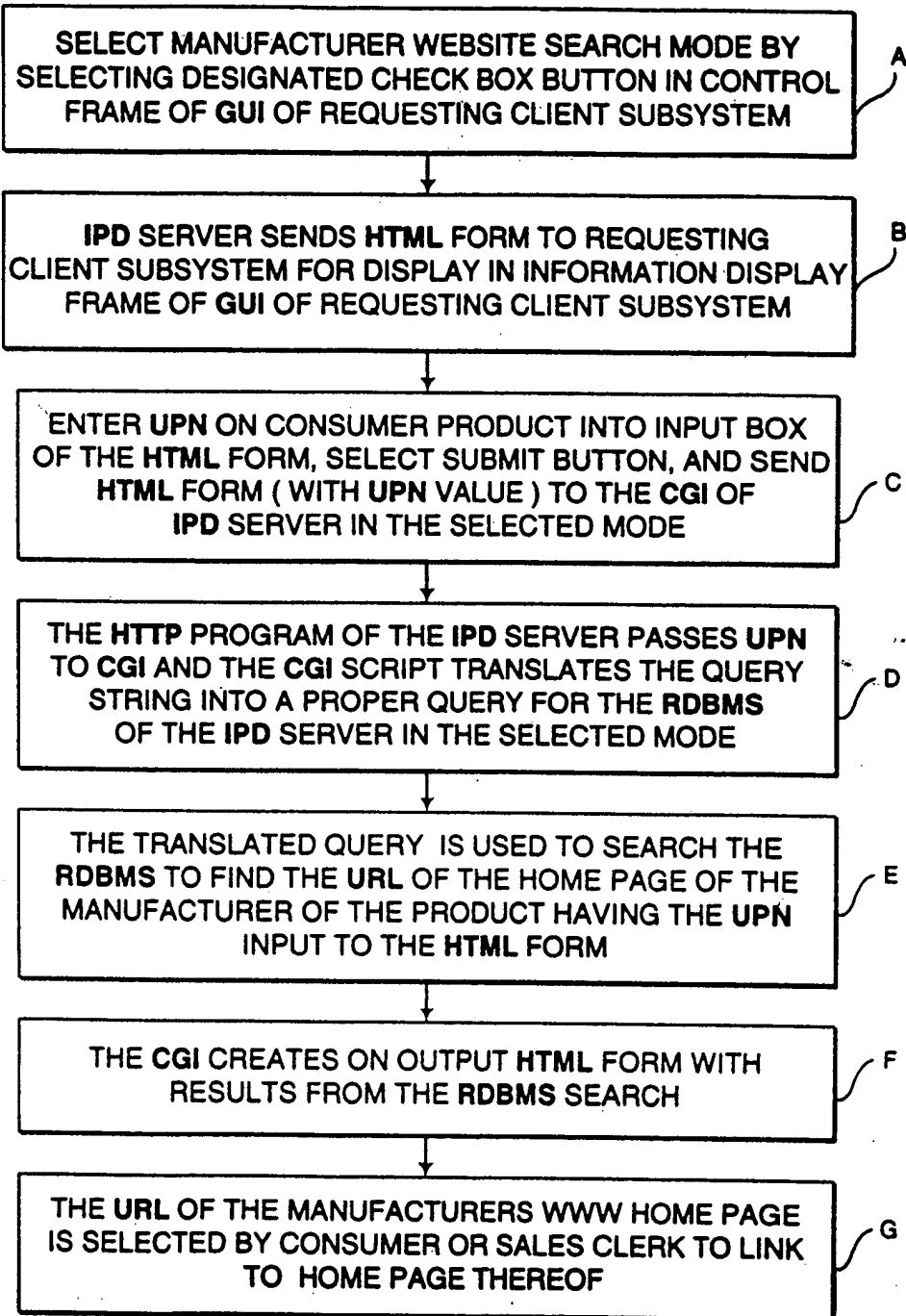


FIG. 6B

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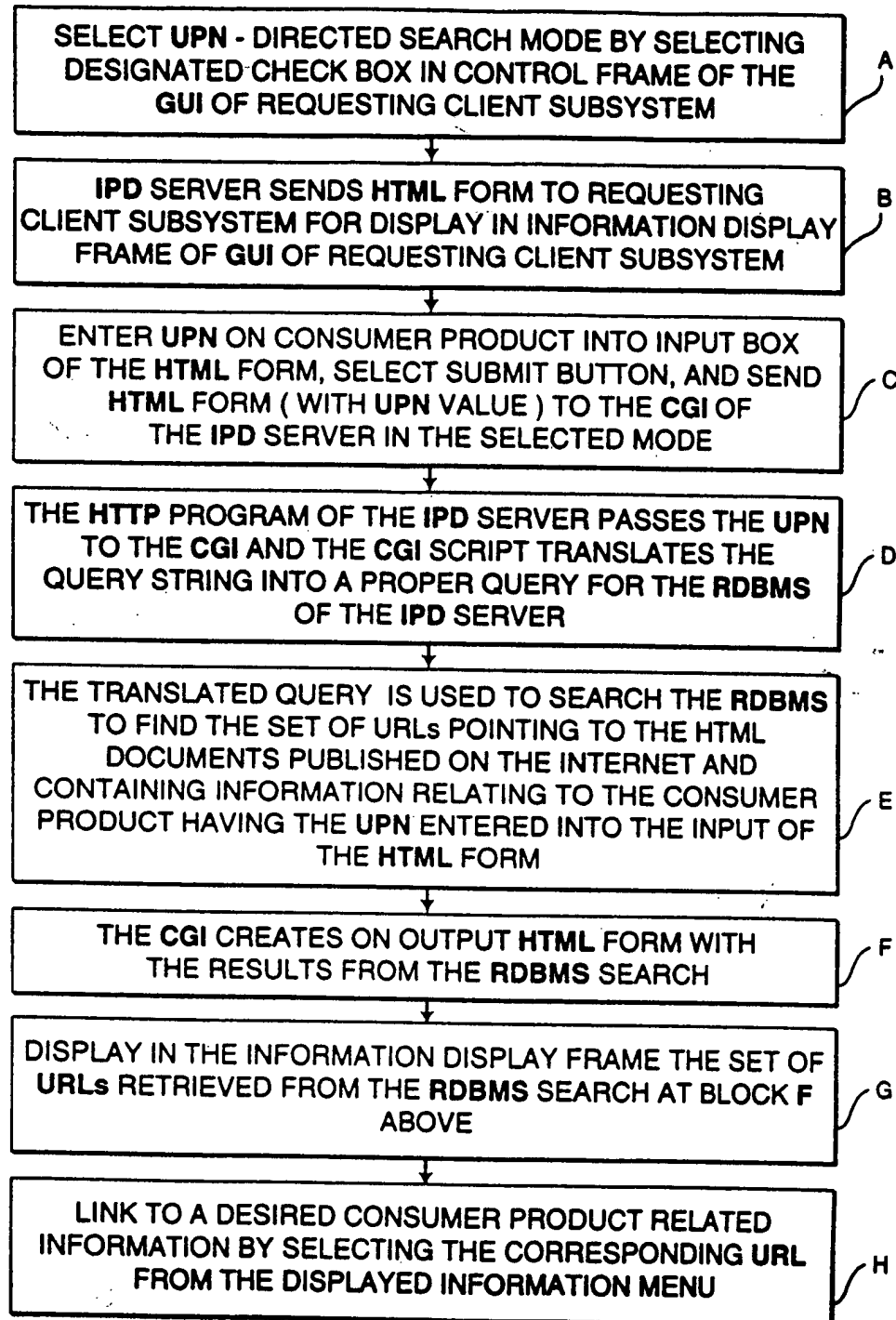


FIG. 6C

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00715046-14700

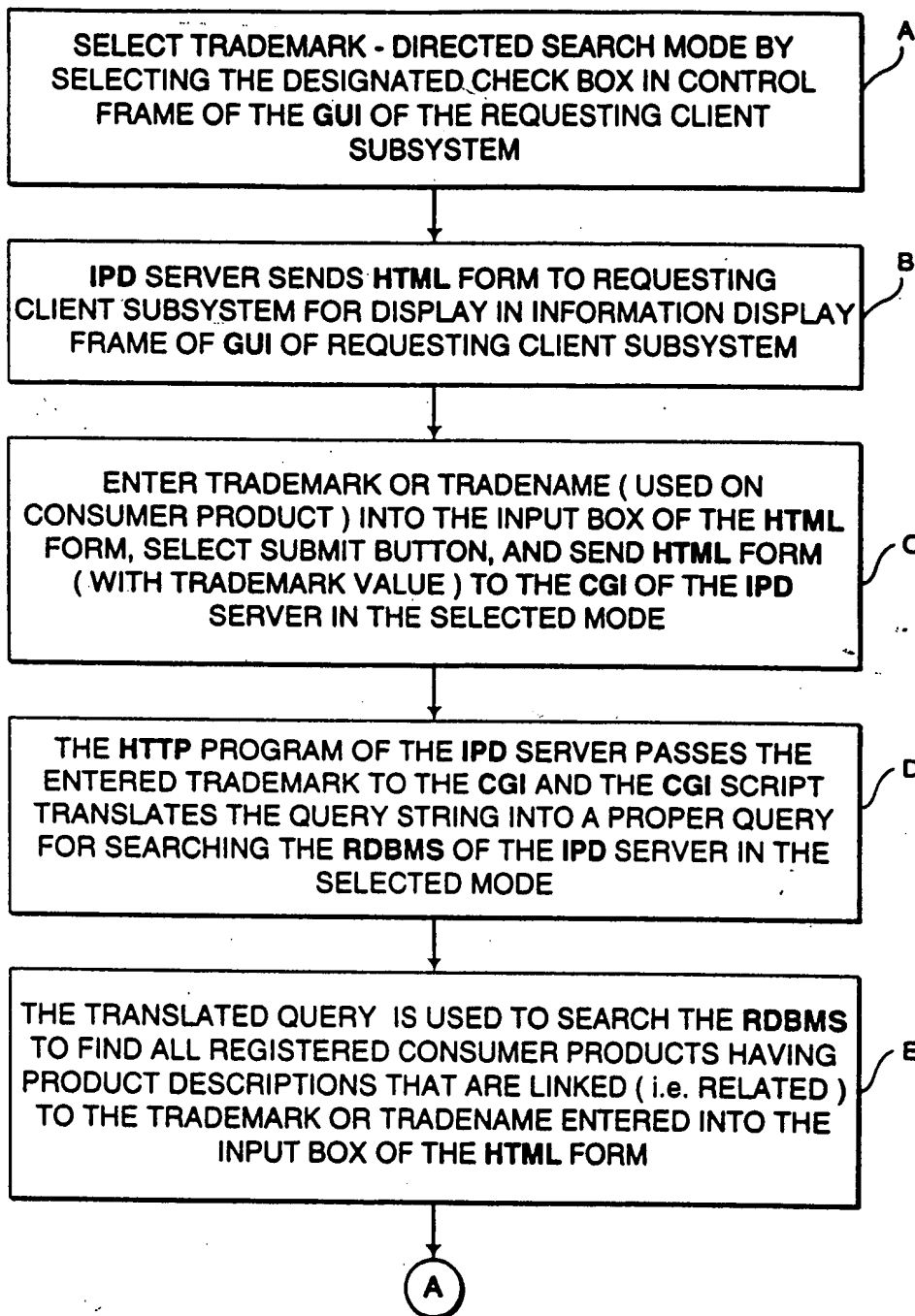


FIG. 6D1

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002448 11200

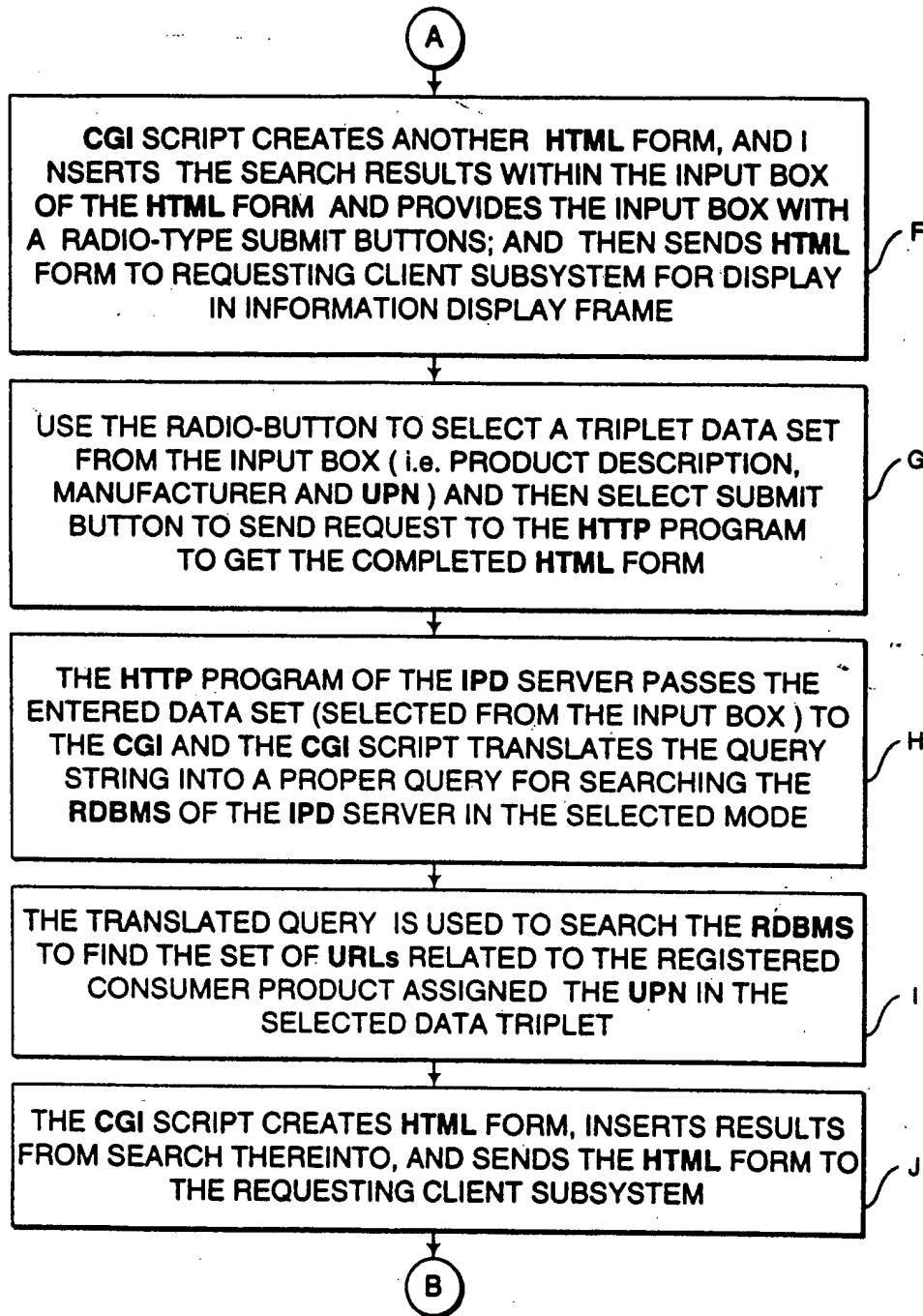


FIG. 6D2

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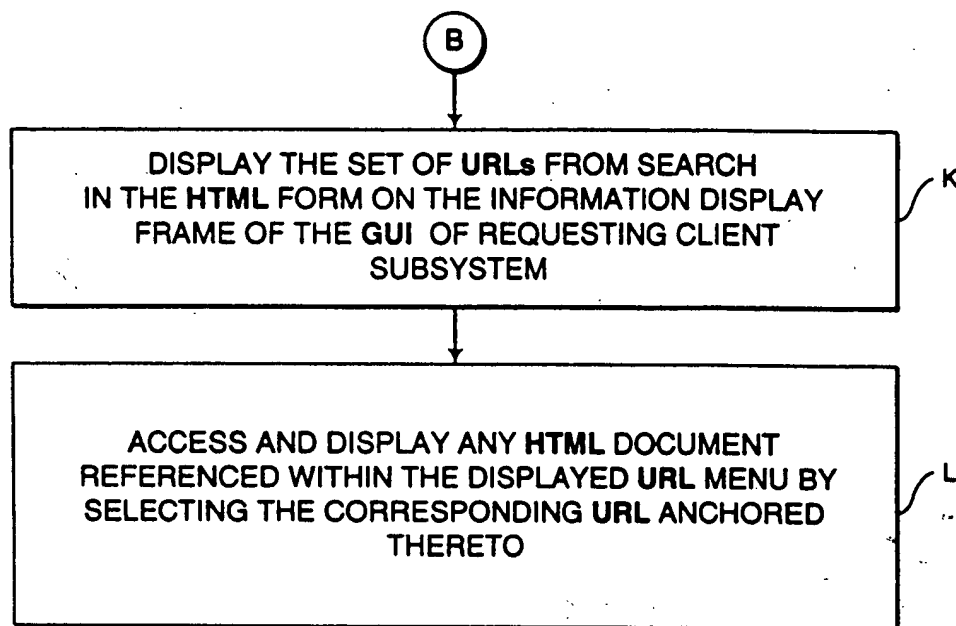


FIG. 6D3

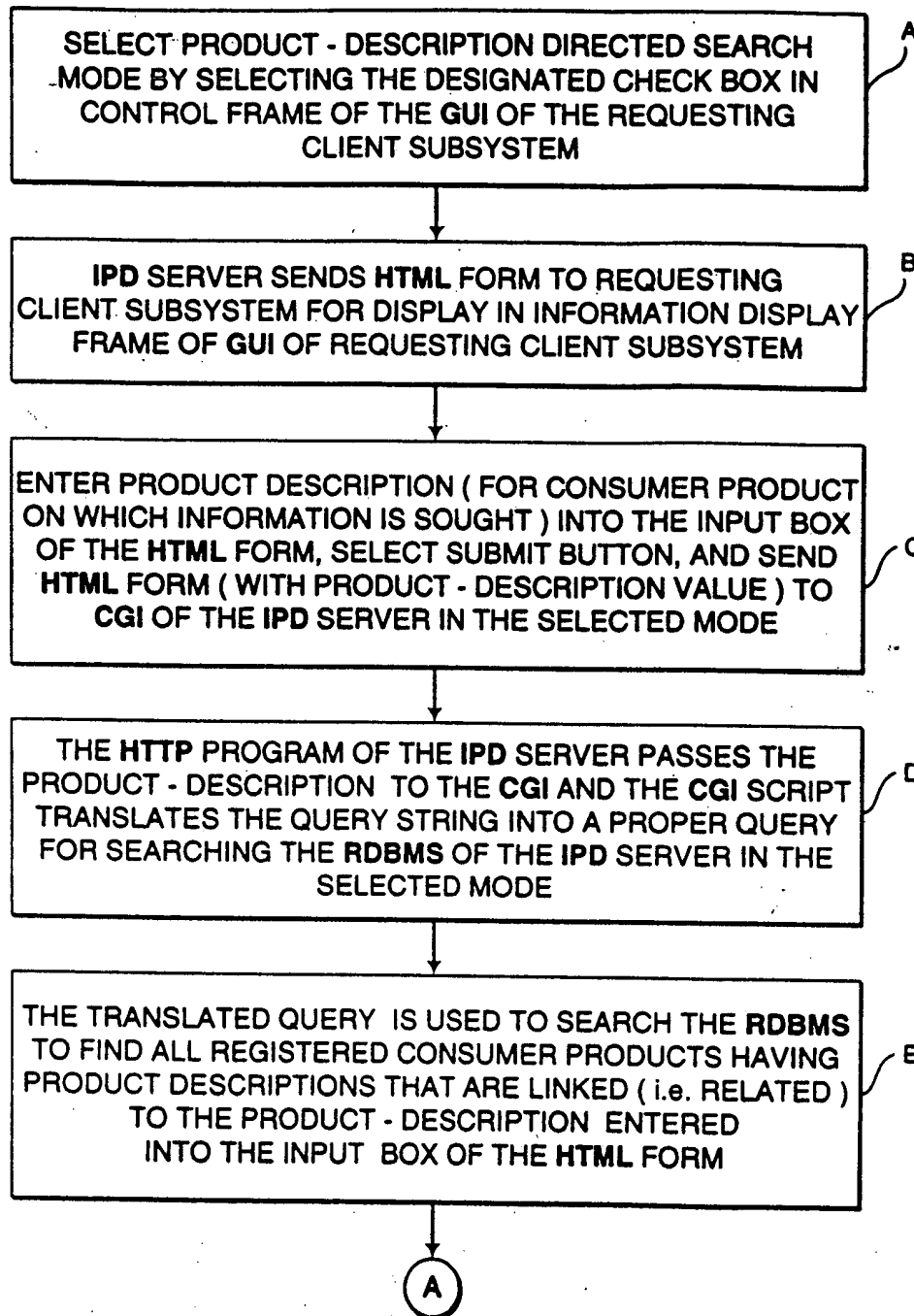


FIG. 6E1

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00246010 11 200

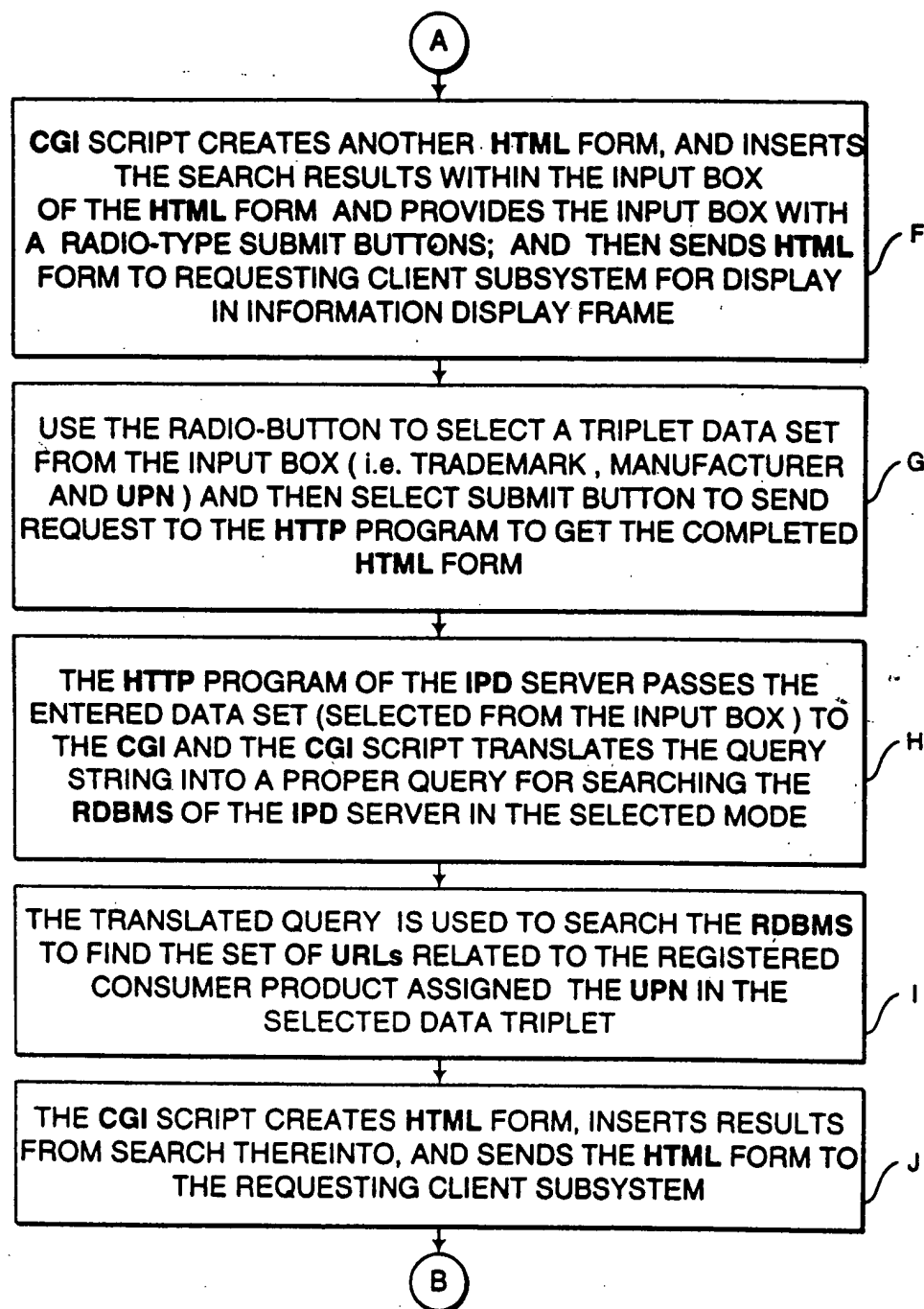


FIG. 6E2

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00211-01851200

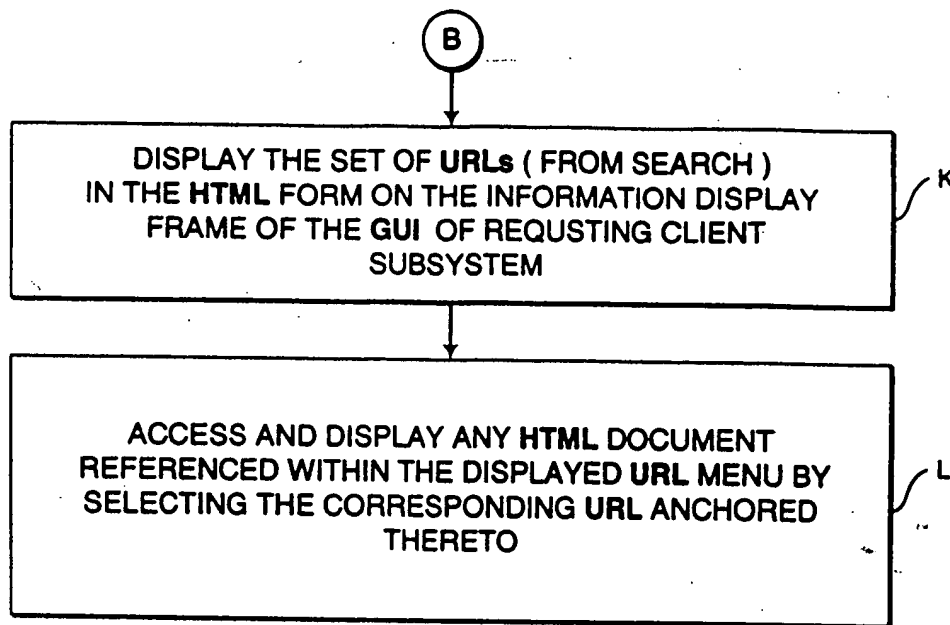


FIG. 6E3

FIG. 7

**WEB-ENABLED COMPUTER SYSTEMS
FOR ENABLING MANUFACTURERS TO
MAINTAIN, UPDATE AND TRANSFER
CURRENT UPC/URL LINKS TO THE
BRANDKEY REQUEST™ MANUFACTURER
PRODUCT REGISTRATION SUBSYSTEM**

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002115410 441700

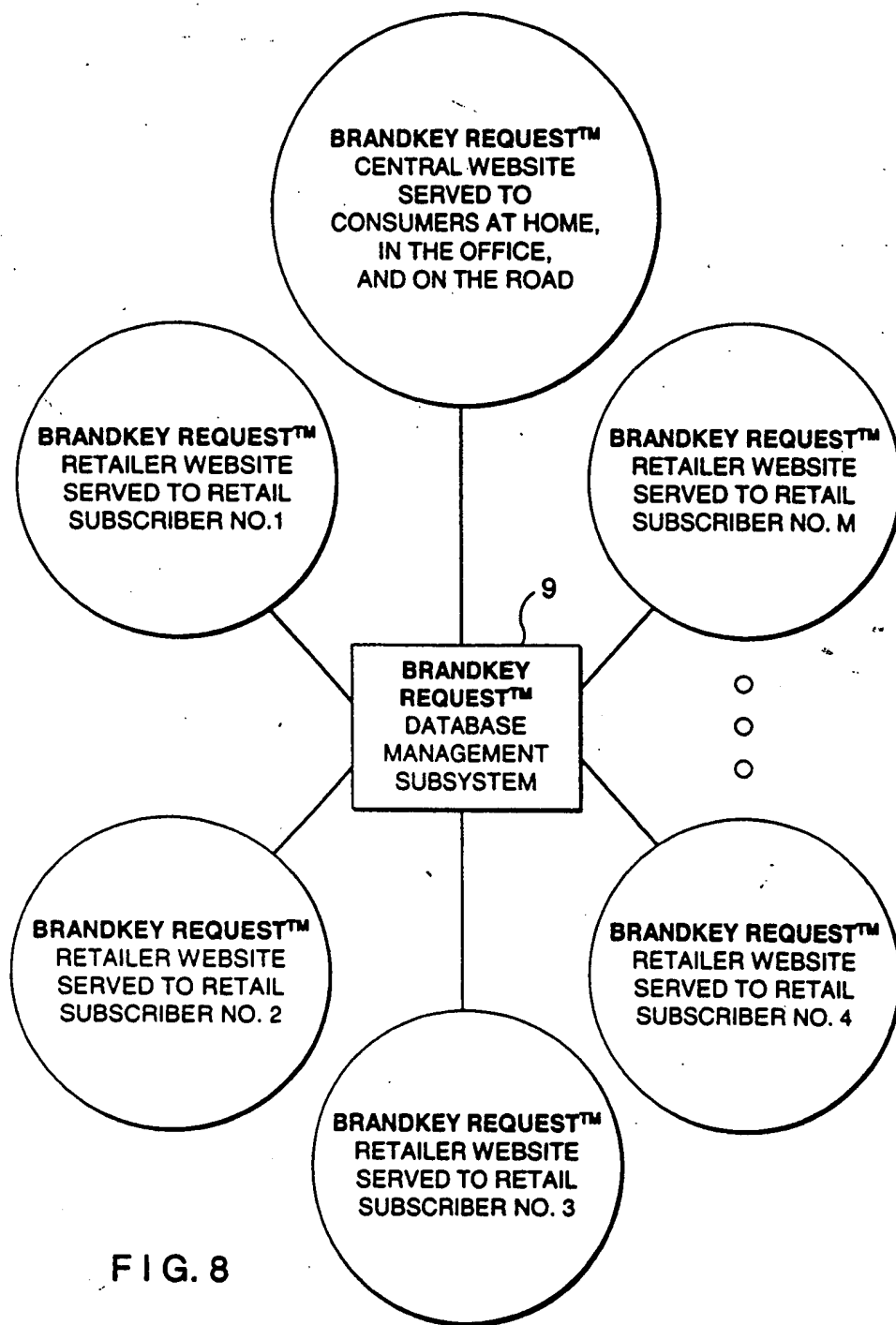


FIG. 8

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002111 31851400

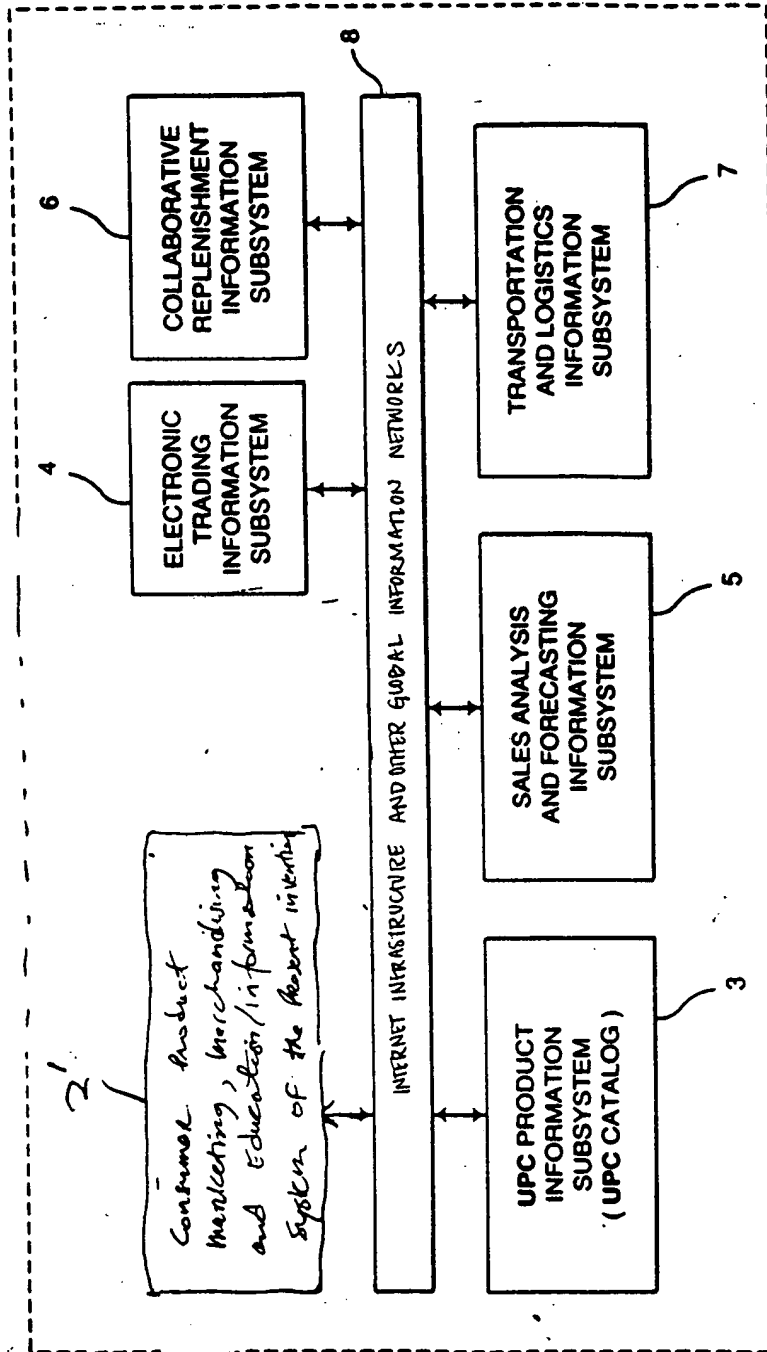


FIG. 9

SECOND ILLUSTRATIVE
EMBODIMENT

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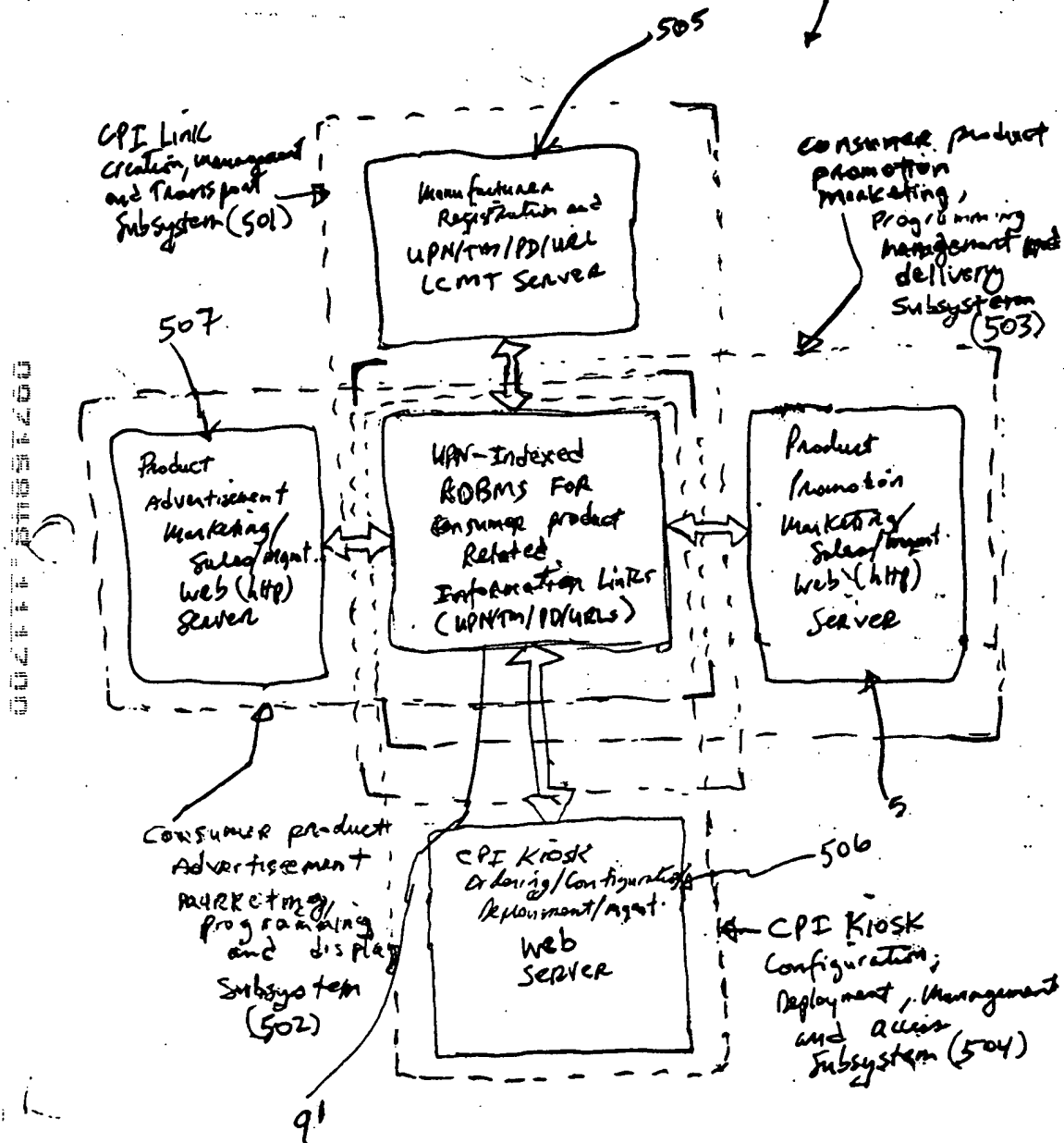
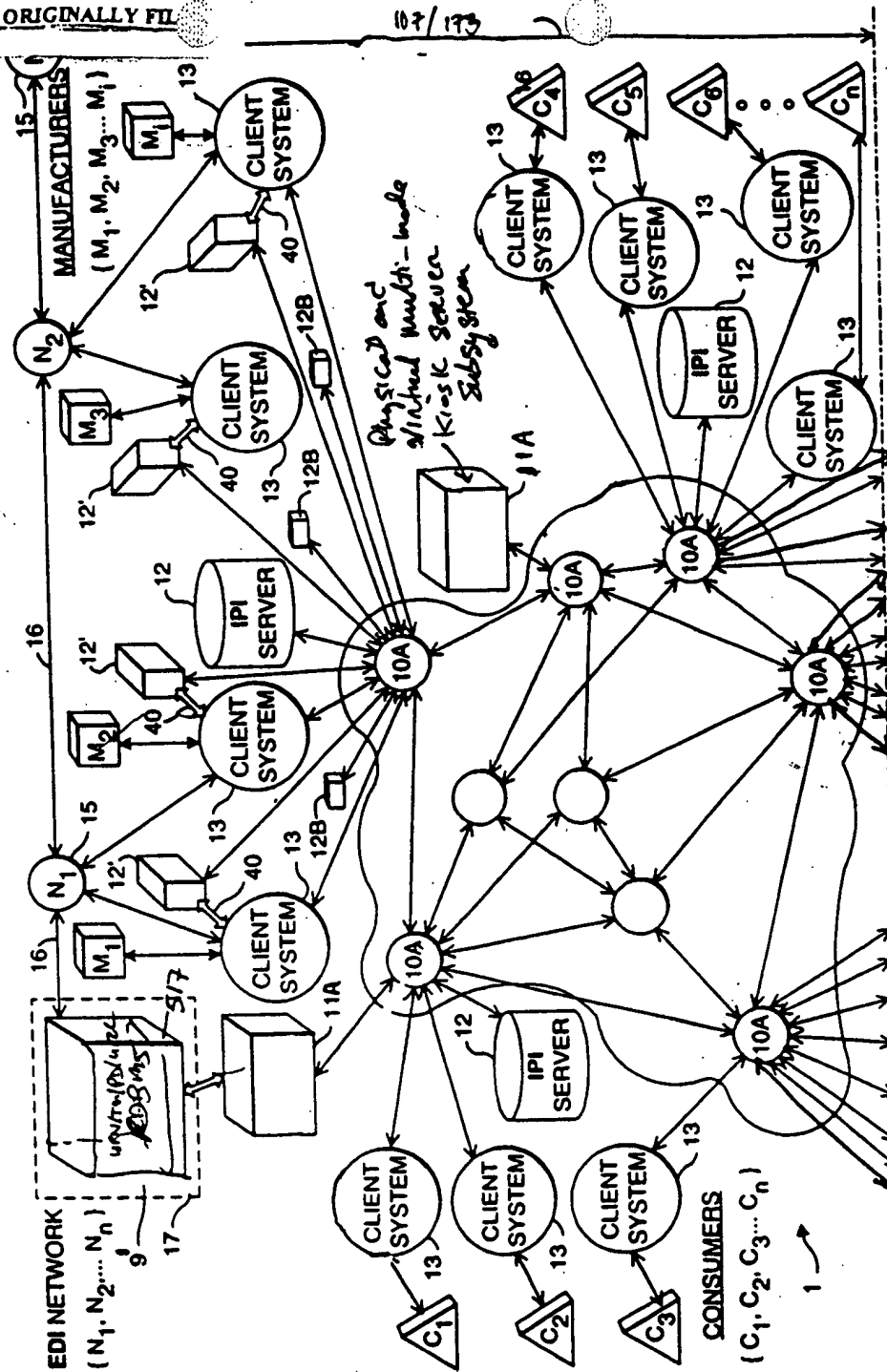


FIG 9A

00211 81031200





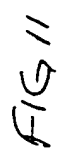


FIG. 12

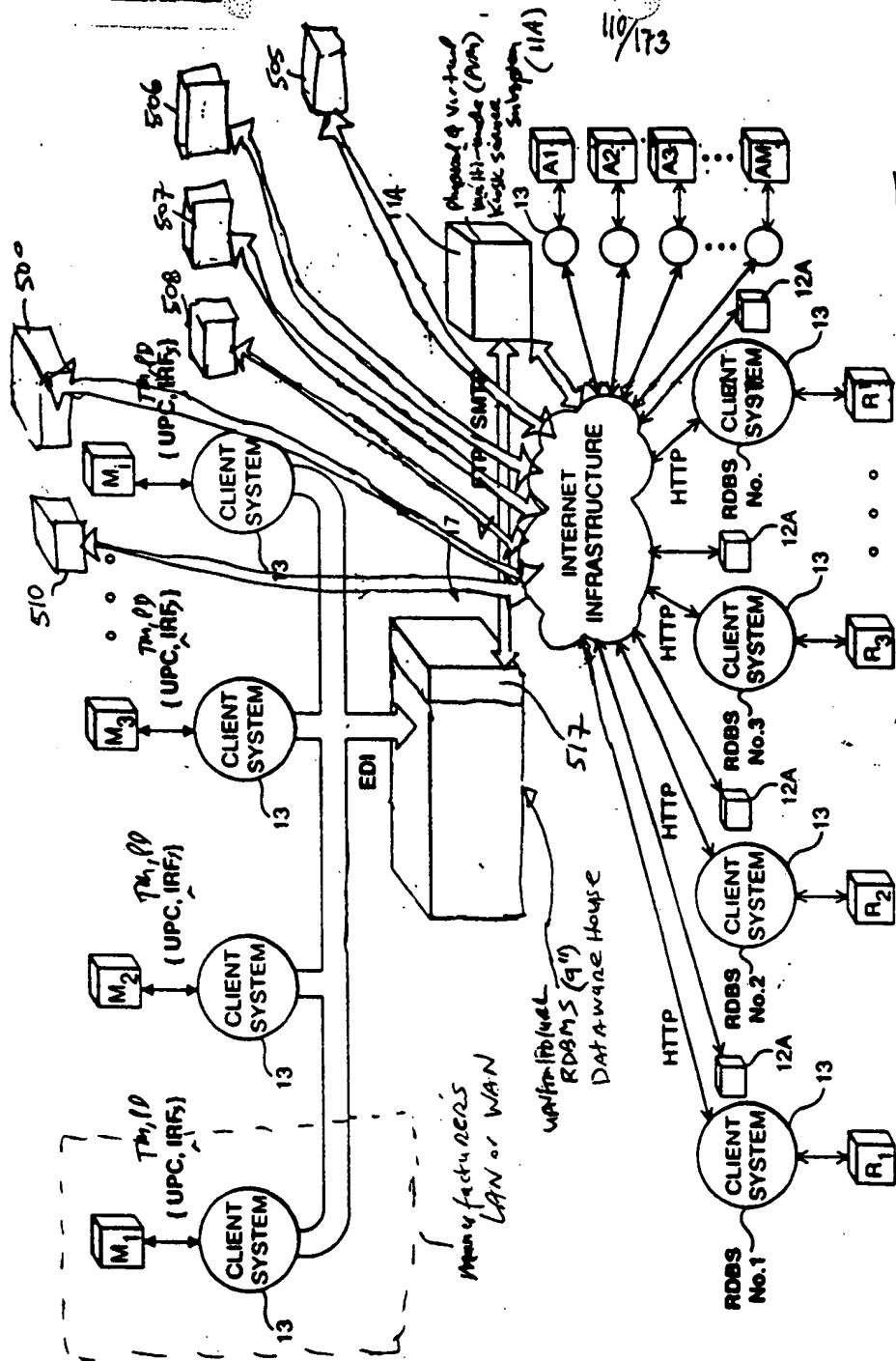


FIG. 12

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00211548 11700

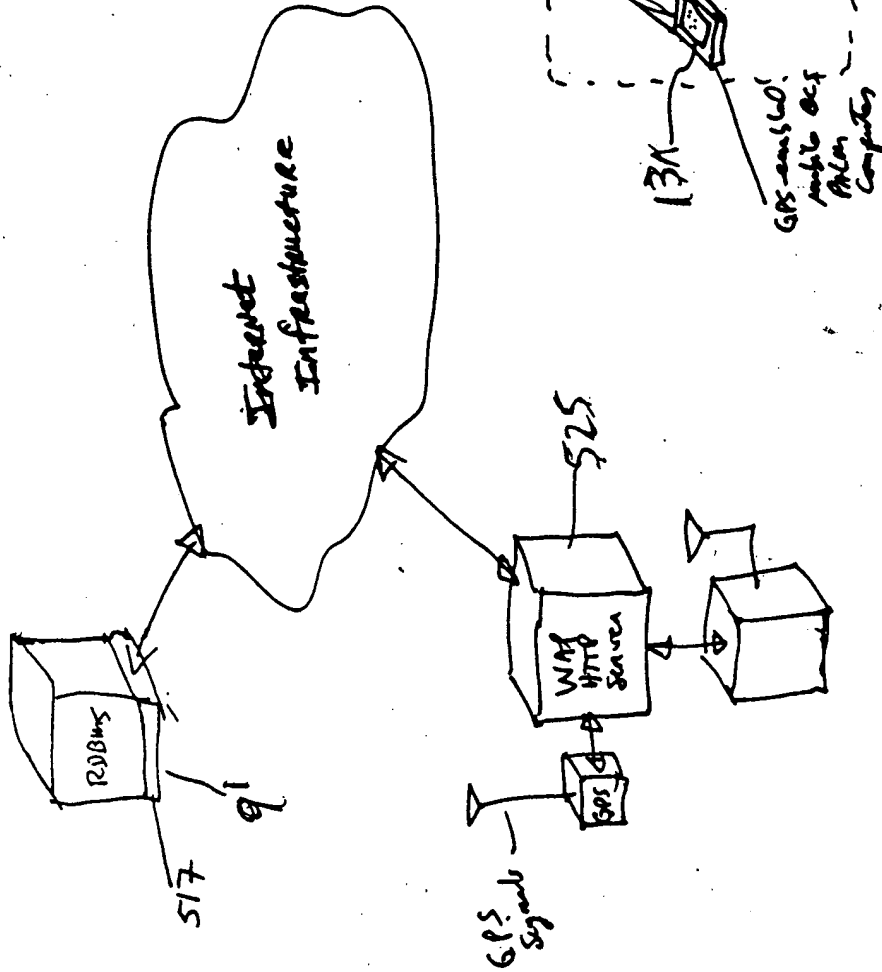
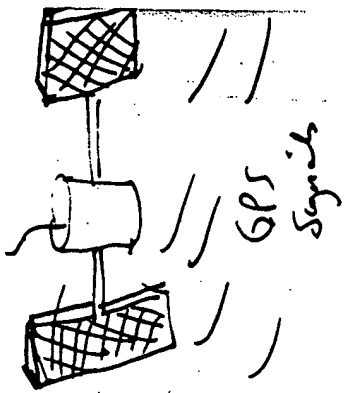


FIG. 14

PRINT OF DRAWINGS
AS ORIGINALLY FILED

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Structure: XXXXXXXXXX		
Company Name	Alpha 20	Enterable; Modifiable
Street Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Country	Alpha 20	Enterable; Modifiable
MIN Assigned by UCC/EAN	Alpha 20	Enterable; Modifiable
URL of Mgr. WWW Site	Alpha 20	Enterable; Modifiable
Phone Number	Alpha 20	Enterable; Modifiable
Email Address	Alpha 20	Enterable; Modifiable
Fax Number	Alpha 20	Enterable; Modifiable
Standard Industry Codes (SIC)	Alpha 20	Enterable; Modifiable
Marketing Executive Identity	Alpha 20	Enterable; Modifiable
Marketing Executive Phone No.	Alpha 20	Enterable; Modifiable
Marketing Executive E-mail	Alpha 20	Enterable; Modifiable
UPN/URL Management SW Installed	Alpha 20	Enterable; Modifiable
UPC Management SW for EDI B2B	Alpha 20	Enterable; Modifiable
UPC Service Bureau Employed	Alpha 20	Enterable; Modifiable
UPC Service Bureau Contact	Alpha 20	Enterable; Modifiable
UPC Service Bureau Phone Number	Alpha 20	Enterable; Modifiable
UPC Service Bureau E-Mail	Alpha 20	Enterable; Modifiable
EDI Vendor Employed	Alpha 20	Enterable; Modifiable
EDI Vendor Contact Person	Alpha 20	Enterable; Modifiable
EDI Vendor Phone Number	Alpha 20	Enterable; Modifiable
EDI Vendor E-Mail Address	Alpha 20	Enterable; Modifiable
EDI Service Bureau Employed	Alpha 20	Enterable; Modifiable
EDI Service Bureau Contact	Alpha 20	Enterable; Modifiable
EDI Service Bureau Phone Number	Alpha 20	Enterable; Modifiable
EDI Service Bureau E-Mail	Alpha 20	Enterable; Modifiable
Number of UPC/URL SW Licenses	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW License Total	Alpha 20	Enterable; Modifiable
Total Number of UPC Numbers	Alpha 20	Enterable; Modifiable
Date of UPC Number Accounting	Alpha 20	Enterable; Modifiable
Annual UPC/URL Mgmt. SW Fee Due	Alpha 20	Enterable; Modifiable
Date of UPC/URL SW Fee Payment	Alpha 20	Enterable; Modifiable
UPC/URL SW Fee Agent	Alpha 20	Enterable; Modifiable
UPC/URL SW Fee Agent Phone	Alpha 20	Enterable; Modifiable
UPC/URL SW Fee Agent Email	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG 15A

Structure: UPN/URL Management SW License		
MIN Assigned by UCC/EAN	Alpha 20	Enterable; Modifiable
Version of UPN/URL Mgmt. SW	Alpha 20	Enterable; Modifiable
Number of Licenses Granted	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW License Keys	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW Acct. Number	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW Acct. Rep.	Alpha 20	Enterable; Modifiable
UPN/URL Mgmt. SW Download Date	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15B

Structure: ~~Customer Product~~

MIN Assigned by UCC/EAN	Alpha 20	Enterable; Modifiable
Assigned UPN (UPC or UPC/EAN)	Alpha 20	Enterable; Modifiable
UPN Symbolology Type	Alpha 20	Enterable; Modifiable
Primary Trademark/Brand	Alpha 20	Enterable; Modifiable
Secondary Trademark/Brand	Alpha 20	Enterable; Modifiable
Product Description	Alpha 20	Enterable; Modifiable
Cash Register Short Description	Alpha 20	Enterable; Modifiable
Cash Register Description	Alpha 20	Enterable; Modifiable
Model Number	Alpha 20	Enterable; Modifiable
Package Type	Alpha 20	Enterable; Modifiable
Labeling Language	Alpha 20	Enterable; Modifiable
URL Marking on Package	Alpha 20	Enterable; Modifiable
Service Phone Number on Package	Alpha 20	Enterable; Modifiable
Brand Manager Identity	Alpha 20	Enterable; Modifiable
Brand Manager Phone Number	Alpha 20	Enterable; Modifiable
Brand Manager E-Mail Address	Alpha 20	Enterable; Modifiable
Product Manager Identity	Alpha 20	Enterable; Modifiable
Product Manager Phone Number	Alpha 20	Enterable; Modifiable
Product Manager E-Mail Address	Alpha 20	Enterable; Modifiable
Trademark Notice on Package	Alpha 20	Enterable; Modifiable
Copyright Notice on Package	Alpha 20	Enterable; Modifiable
Patent Notice on Package	Alpha 20	Enterable; Modifiable
URL for Primary TM Image	Alpha 20	Enterable; Modifiable
URL for Secondary Image	Alpha 20	Enterable; Modifiable
Effective Change Date	Alpha 20	Enterable; Modifiable
Item Last Updated	Alpha 20	Enterable; Modifiable
Issue Date	Alpha 20	Enterable; Modifiable
Public Release Date	Alpha 20	Enterable; Modifiable
End Availability Date	Alpha 20	Enterable; Modifiable

FIG 15C

FIG. 15DL

PRINT OF DRAWINGS
AS ORIGINALLY FIL

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URL for Product Retailer #8	Alpha 20	Enterable; Modifiable
URL for Product Retailer #9	Alpha 20	Enterable; Modifiable
URL for Product Retailer #10	Alpha 20	Enterable; Modifiable
URL for Product Retailer #11	Alpha 20	Enterable; Modifiable
URL for Product Retailer #12	Alpha 20	Enterable; Modifiable
URL for Product Retailer #13	Alpha 20	Enterable; Modifiable
URL for Product Retailer #14	Alpha 20	Enterable; Modifiable
URL for Product Retailer #15	Alpha 20	Enterable; Modifiable
URL for Product Retailer #16	Alpha 20	Enterable; Modifiable
URL for Product Retailer #17	Alpha 20	Enterable; Modifiable
URL for Product Retailer #18	Alpha 20	Enterable; Modifiable
URL for Product Retailer #19	Alpha 20	Enterable; Modifiable
URL for Product Retailer #20	Alpha 20	Enterable; Modifiable
URL for Complementary Product 1	Alpha 20	Enterable; Modifiable
URL for Complementary Product 2	Alpha 20	Enterable; Modifiable
URL for Complementary Product 3	Alpha 20	Enterable; Modifiable
URL for Complementary Product 4	Alpha 20	Enterable; Modifiable
URL for Complementary Product 5	Alpha 20	Enterable; Modifiable
URL for Special Product Notices	Alpha 20	Enterable; Modifiable
URL for Product Uses	Alpha 20	Enterable; Modifiable
URL for Product Recreations	Alpha 20	Enterable; Modifiable
URL for Mfr. Affiliate #1	Alpha 20	Enterable; Modifiable
URL for Mfr. Affiliate #2	Alpha 20	Enterable; Modifiable
URL for Mfr. Affiliate #3	Alpha 20	Enterable; Modifiable
URL for Mfr. Affiliate #4	Alpha 20	Enterable; Modifiable
URL for Mfr. Affiliate #5	Alpha 20	Enterable; Modifiable
URL for Product Updates	Alpha 20	Enterable; Modifiable
URL for Software Downloads	Alpha 20	Enterable; Modifiable
URL for Mfr-Sponsored Auctions	Alpha 20	Enterable; Modifiable
URL for Rtr-Sponsored Auctions	Alpha 20	Enterable; Modifiable
URL for Mfr.Suggstd Rtl. Price	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

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Structure: Retailer		
Company Name	Alpha 20	Enterable; Modifiable
Street Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Country	Alpha 20	Enterable; Modifiable
Retailer ID No.	Alpha 20	Enterable; Modifiable
Contact Person	Alpha 20	Enterable; Modifiable
Phone Number	Alpha 20	Enterable; Modifiable
E-Mail Address	Alpha 20	Enterable; Modifiable
Fax Number	Alpha 20	Enterable; Modifiable
URL of Retailer WWW Site	Alpha 20	Enterable; Modifiable
Purchasing Director Identity	Alpha 20	Enterable; Modifiable
Purchasing Director Phone	Alpha 20	Enterable; Modifiable
Purchasing Director E-Mail	Alpha 20	Enterable; Modifiable
UPC Catalog Provider	Alpha 20	Enterable; Modifiable
UPC Catalog Provider Contact	Alpha 20	Enterable; Modifiable
UPC Catalog Provider Phone	Alpha 20	Enterable; Modifiable
UPC Catalog Provider E-Mail	Alpha 20	Enterable; Modifiable
EDI B2N Enabler	Alpha 20	Enterable; Modifiable
EDI B2B Enabler Contact	Alpha 20	Enterable; Modifiable
EDI B2B Contact Phone	Alpha 20	Enterable; Modifiable
EDI B2B Contact E-Mail	Alpha 20	Enterable; Modifiable
EDI Vendor	Alpha 20	Enterable; Modifiable
EDI Vendor Contact Identity	Alpha 20	Enterable; Modifiable
EDI Vendor Contact Phone	Alpha 20	Enterable; Modifiable
EDI Vendor Contact E-Mail	Alpha 20	Enterable; Modifiable
Marketing Manager	Alpha 20	Enterable; Modifiable
Total Number of Retail Stores	Alpha 20	Enterable; Modifiable
Total Number of Retail Stores	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15E

Structure: Retailer/Mfr. P-Store Relation		
Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #1 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #2 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #3 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #4 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #5 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #6 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #7 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #8 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #9 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #10 ID No.	Alpha 20	Enterable; Modifiable
Total # Mfr. Relationships	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15F

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Structure: Mfr./Retailer Relationships		
MIN Assigned by UCC/EAN	Alpha 20	Enterable; Modifiable
Retailer #1 ID No.	Alpha 20	Enterable; Modifiable
Retailer #2 ID No.	Alpha 20	Enterable; Modifiable
Retailer #3 ID No.	Alpha 20	Enterable; Modifiable
Retailer #4 ID No.	Alpha 20	Enterable; Modifiable
Retailer #5 ID No.	Alpha 20	Enterable; Modifiable
Retailer #6 ID No.	Alpha 20	Enterable; Modifiable
Retailer #7 ID No.	Alpha 20	Enterable; Modifiable
Retailer #8 ID No.	Alpha 20	Enterable; Modifiable
Retailer #9 ID No.	Alpha 20	Enterable; Modifiable
Retailer #10 ID No.	Alpha 20	Enterable; Modifiable
Total # Retailer Relationships	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15G

Structure: Consumer		
Consumer Name	Alpha 20	Enterable; Modifiable
Consumer ID No.	Alpha 20	Enterable; Modifiable
E-Mail Address	Alpha 20	Enterable; Modifiable
Street Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Phone Number	Alpha 20	Enterable; Modifiable
Shopped at Retail Store ID Nos.	Alpha 20	Enterable; Modifiable
Shopped at Retailer Store ID No	Alpha 20	Enterable; Modifiable
Consumer Index 1	Alpha 20	Enterable; Modifiable
Consumer Index 2	Alpha 20	Enterable; Modifiable
Consumer Index 3	Alpha 20	Enterable; Modifiable
Consumer Index 4	Alpha 20	Enterable; Modifiable
Consumer Index 5	Alpha 20	Enterable; Modifiable
Consumer Index 6	Alpha 20	Enterable; Modifiable
Consumer Index 7	Alpha 20	Enterable; Modifiable
Consumer Index 8	Alpha 20	Enterable; Modifiable
Consumer Index 9	Alpha 20	Enterable; Modifiable
Credit Card Nos.	Alpha 20	Enterable; Modifiable

FIG. 15H

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Structure: Advertiser		
Advertiser Name	Alpha 20	Enterable; Modifiable
Street Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Contact Person	Alpha 20	Enterable; Modifiable
Phone Number	Alpha 20	Enterable; Modifiable
E-Mail Address	Alpha 20	Enterable; Modifiable
Fax Number	Alpha 20	Enterable; Modifiable
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Ad Agent for Mfr. #1	Alpha 20	Enterable; Modifiable
Ad Agent for Mfr. #2	Alpha 20	Enterable; Modifiable
Ad Agent for Mfr. #3	Alpha 20	Enterable; Modifiable
Ad Agent for Mfr. #4	Alpha 20	Enterable; Modifiable
Ad Agent for Mfr. #5	Alpha 20	Enterable; Modifiable
Ad Agent for Mfr. #6	Alpha 20	Enterable; Modifiable
Ad Agent for Mfr. #7	Alpha 20	Enterable; Modifiable
Ad Agent for Mfr. #8	Alpha 20	Enterable; Modifiable
Ad Agent for Mfr. #9	Alpha 20	Enterable; Modifiable
Total # Mfr. Agency Relations	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer #1	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer #2	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer #3	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer #4	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer #5	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer #6	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer #7	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer #8	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer #9	Alpha 20	Enterable; Modifiable
Ad Agent for Retailer #10	Alpha 20	Enterable; Modifiable
Total # Rtr. Agency Relations	Alpha 20	Enterable; Modifiable
URL for Advertiser WWW Site	Alpha 20	Enterable; Modifiable
Advertiser Network Acct. No.	Alpha 20	Enterable; Modifiable
Advertiser Network Password	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable
	Alpha 20	Indexed; Enterable; Modifiable

FIG. 15 I

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Structure: Promoter		
Promoter Name	Alpha 20	Enterable; Modifiable
Street Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Contact Person	Alpha 20	Enterable; Modifiable
Phone Number	Alpha 20	Enterable; Modifiable
E-Mail Address	Alpha 20	Enterable; Modifiable
Fax Number	Alpha 20	Enterable; Modifiable
Promoter ID No.	Alpha 20	Enterable; Modifiable
Promo Agent for Mgr. #1	Alpha 20	Enterable; Modifiable
Promo Agent for Mgr. #2	Alpha 20	Enterable; Modifiable
Promo Agent for Mgr. #3	Alpha 20	Enterable; Modifiable
Promo Agent for Mgr. #4	Alpha 20	Enterable; Modifiable
Promo Agent for Mgr. #5	Alpha 20	Enterable; Modifiable
Promo Agent for Mgr. #6	Alpha 20	Enterable; Modifiable
Promo Agent for Mgr. #7	Alpha 20	Enterable; Modifiable
Promo Agent for Mgr. #8	Alpha 20	Enterable; Modifiable
Promo Agent for Mgr. #9	Alpha 20	Enterable; Modifiable
Total # Mgr. Agency Relations	Alpha 20	Enterable; Modifiable
Promo Agent For Rtr. #1	Alpha 20	Enterable; Modifiable
Promo Agent For Rtr. #2	Alpha 20	Enterable; Modifiable
Promo Agent For Rtr. #3	Alpha 20	Enterable; Modifiable
Promo Agent For Rtr. #4	Alpha 20	Enterable; Modifiable
Promo Agent For Rtr. #5	Alpha 20	Enterable; Modifiable
Promo Agent For Rtr. #6	Alpha 20	Enterable; Modifiable
Promo Agent For Rtr. #7	Alpha 20	Enterable; Modifiable
Promo Agent For Rtr. #8	Alpha 20	Enterable; Modifiable
Promo Agent For Rtr. #9	Alpha 20	Enterable; Modifiable
Promo Agent For Rtr. #10	Alpha 20	Enterable; Modifiable
Total # Rtr. Agency Relations	Alpha 20	Enterable; Modifiable
URL for Promoter WWW Site	Alpha 20	Enterable; Modifiable
Promoter Network Acct. No.	Alpha 20	Enterable; Modifiable
Promoter Network Password	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15J

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Structure: Physical Kiosk		
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk HTTP Server URL	Alpha 20	Enterable; Modifiable
Assigned Static IP Address	Alpha 20	Enterable; Modifiable
P-Kiosk Aisle/Shelf Location	Alpha 20	Enterable; Modifiable
Physical Kiosk Access Password	Alpha 20	Enterable; Modifiable
CPI Request Service Status	Alpha 20	Enterable; Modifiable
Ad Display Service Status	Alpha 20	Enterable; Modifiable
Promotion Service Status	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 1	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 2	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 3	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 4	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 5	Alpha 20	Enterable; Modifiable
Status of Retailer's MIN Filter	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Monday	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Tues.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Wed.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Thurs.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Fri.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Sat.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Sun.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Mon.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Tues.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Wed.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Thur.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Fri.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Sat.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Promo on Sun.	Alpha 20	Enterable; Modifiable
CPIR Request Service GUI Type	Alpha 20	Enterable; Modifiable
Ad Display Service GUI Type	Alpha 20	Enterable; Modifiable
Promo Service GUI Type	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15K

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Structure: Retailer Physical Store

Retailer ID No.	Alpha 20	Enterable; Modifiable
Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Country	Alpha 20	Enterable; Modifiable
Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
Store Manager Identity	Alpha 20	Enterable; Modifiable
Store Manager Phone	Alpha 20	Enterable; Modifiable
Store Manager E-Mail	Alpha 20	Enterable; Modifiable
Regional Manager Identity	Alpha 20	Enterable; Modifiable
Regional Manager Phone	Alpha 20	Enterable; Modifiable
Regional Manager E-Mail	Alpha 20	Enterable; Modifiable
Number of Store Aisles	Alpha 20	Enterable; Modifiable
Number of Floors	Alpha 20	Enterable; Modifiable
Floor Plan Diagrams	Alpha 20	Enterable; Modifiable
Product Category/Shelf Maps	Alpha 20	Enterable; Modifiable
Available Internet Connectivity	Alpha 20	Enterable; Modifiable
Retailer/Manufacturer Relations	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable
	Alpha 20	Enterable; Modifiable
	Alpha 20	Enterable; Modifiable

FIG. 15L

Structure: Physical Kiosk HTTP Server

Physical Kiosk HTTP Server URL	Alpha 20	Enterable; Modifiable
Physical Kiosk HTTP Server Log	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15M

Structure: Retailer's Physical Kiosk Cat.

Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 1	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 2	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 3	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 4	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 5	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 6	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 7	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 8	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No. 9	Alpha 20	Enterable; Modifiable
Total # of Physical Kiosks	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15N

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Structure: Physical Kiosk E-Mail		
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk E-Mail Log	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 150

Structure: Physical Kiosk User Activity		
Date(s) of Activity Measurement	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Number of HTML Pages Accessed	Alpha 20	Enterable; Modifiable
Number of UPC Requests at Kiosk	Alpha 20	Enterable; Modifiable
Different HTML Pages Served-Up	Alpha 20	Enterable; Modifiable
Outgoing E-Mail Transmissions	Alpha 20	Enterable; Modifiable
System Mode Transitions	Alpha 20	Enterable; Modifiable
E-Commerce Transactions Made	Alpha 20	Enterable; Modifiable
Number of UPC Requests at Kiosk	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15P

Structure: Ad Spot Order --Virtual Kiosk		
UPN of Advertised Product	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Scheduled Date of Ad Spot	Alpha 20	Enterable; Modifiable
Advertiser Placing Order	Alpha 20	Enterable; Modifiable
Date of Ad Spot Order	Alpha 20	Enterable; Modifiable
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Cost of Ad Spot	Alpha 20	Enterable; Modifiable
URL of Advertisement Spot	Alpha 20	Enterable; Modifiable
Time Duration of Ad Spot	Alpha 20	Enterable; Modifiable
Copyright Owner of Advertisement	Alpha 20	Enterable; Modifiable
Ordered Number of Displays/Date	Alpha 20	Enterable; Modifiable
File Format of Advertisement	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No.	Alpha 20	Enterable; Modifiable
Actual Number of Displays/Date	Alpha 20	Enterable; Modifiable
Actual Number of Interruptions	Alpha 20	Enterable; Modifiable
Ad Spot Cost	Alpha 20	Enterable; Modifiable
Date of Ad Payment	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15Q

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Structure: Ad Spot Order-- Physical Kiosk		
UPN of Advertised Product	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Scheduled Date of Ad Spot	Alpha 20	Enterable; Modifiable
Advertiser Placing Order	Alpha 20	Enterable; Modifiable
Date of Ad Campaign	Alpha 20	Enterable; Modifiable
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Cost Ad Spot	Alpha 20	Enterable; Modifiable
URL of Advertisement Spot	Alpha 20	Enterable; Modifiable
Time Duration of Ad Spot	Alpha 20	Enterable; Modifiable
Copyright Owner of Advertisement	Alpha 20	Enterable; Modifiable
Ordered Number of Displays/Date	Alpha 20	Enterable; Modifiable
File Format of Advertisement	Alpha 20	Enterable; Modifiable
Physical Kiosk Ad Spot ID No.	Alpha 20	Enterable; Modifiable
Actual Number of Displays/Date	Alpha 20	Enterable; Modifiable
Actual Number of Interruptions	Alpha 20	Enterable; Modifiable
Ad Spot Payment	Alpha 20	Enterable; Modifiable
Date of Ad Spot Payment	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15R

Structure: Promo Spot Order- Physical Kiosk		
UPN of Promoted Product	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Scheduled Date of Promo Spot	Alpha 20	Enterable; Modifiable
Promoter Placing Order	Alpha 20	Enterable; Modifiable
Date of Promo Spot Order	Alpha 20	Enterable; Modifiable
Promoter ID No.	Alpha 20	Enterable; Modifiable
URL of Promotional Ad in DF1	Alpha 20	Enterable; Modifiable
Promotional Message in DF2	Alpha 20	Enterable; Modifiable
Promotional Message in DF3	Alpha 20	Enterable; Modifiable
Promotional Message in DF4	Alpha 20	Enterable; Modifiable
Promotional Message in DF5	Alpha 20	Enterable; Modifiable
Time Duration of Promotion Spot	Alpha 20	Enterable; Modifiable
Copyright Owner of Promo Ad	Alpha 20	Enterable; Modifiable
Ordered Number of Displays/Date	Alpha 20	Enterable; Modifiable
File Format of Promotional Ad	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Actual Number of Displays/Date	Alpha 20	Enterable; Modifiable
Actual Number of Interruptions	Alpha 30	Enterable; Modifiable
Cost of Promo Spot	Alpha 20	Enterable; Modifiable
Promo Spot Payment	Alpha 20	Enterable; Modifiable
Date of Promo Spot Payment	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15S

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Structure: Physical Kiosk Ad Campaign		
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Date of Ad Campaign	Alpha 20	Enterable; Modifiable
Ad Spot ID No.1	Alpha 20	Enterable; Modifiable
Ad Spot ID No.2	Alpha 20	Enterable; Modifiable
Ad Spot ID No.3	Alpha 20	Enterable; Modifiable
Ad Spot ID No.4	Alpha 20	Enterable; Modifiable
Ad Spot ID No.5	Alpha 20	Enterable; Modifiable
Ad Spot ID No.6	Alpha 20	Enterable; Modifiable
Ad Spot ID No.7	Alpha 20	Enterable; Modifiable
Ad Spot ID No.8	Alpha 20	Enterable; Modifiable
Ad Spot ID No.9	Alpha 20	Enterable; Modifiable
Ad Spot ID No.10	Alpha 20	Enterable; Modifiable
Total Ad Spots Ordered On Kiosk	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15T

Structure: Physical Kiosk Promo Campaign		
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Date of Promo Campaign	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No	Alpha 20	Enterable; Modifiable
Total Ad Spots Ordered	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15U

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Structure: Virtual Kiosk		
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Retail P-Store or E-Store ID No	Alpha 20	Enterable; Modifiable
Type of Virtual Kiosk	Alpha 20	Enterable; Modifiable
CPIR-Enabling Applet ID No.	Alpha 20	Enterable; Modifiable
Licensed Internet Domain	Alpha 20	Enterable; Modifiable
Virtual Kiosk Licensee (e.g., software, int'l, et al.)	Alpha 20	Enterable; Modifiable
Virtual Kiosk Enabling Password	Alpha 20	Enterable; Modifiable
E-Store Web-Page Location	Alpha 20	Enterable; Modifiable
CPI Request Service Status	Alpha 20	Enterable; Modifiable
AD Display Service Status	Alpha 20	Enterable; Modifiable
Promotion Service Status	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 1	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 2	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 3	Alpha 20	Enterable; Modifiable
Kiosk Activity Index No. 4	Alpha 20	Enterable; Modifiable
Status of Retailer MIN Filter	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Mon.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Tues.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Wed.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Thurs.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Fri.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Sat.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Ad Spot on Sun.	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Mon	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Tue	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Wed	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Thu	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Fri	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Sat	Alpha 20	Enterable; Modifiable
Cost of Kiosk Promo Spot on Sun	Alpha 20	Enterable; Modifiable
URL for Accessing Virtual Kiosk	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15V

Structure: CPIR-enabling Applet		
CPIR-Enabling Applet ID No.	Alpha 20	Enterable; Modifiable
Type of CPIR-Enabling Applet	Alpha 20	Enterable; Modifiable
URL of CPIR-Enabling Applet BC	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Server Log	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15W

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Structure: Retailer E-Store		
Retailer ID No.	Alpha 20	Enterable; Modifiable
Address	Alpha 20	Enterable; Modifiable
City	Alpha 20	Enterable; Modifiable
State	Alpha 20	Enterable; Modifiable
Postal Code	Alpha 20	Enterable; Modifiable
Country	Alpha 20	Enterable; Modifiable
Retail E-Store ID No.	Alpha 20	Enterable; Modifiable
E-Store Manager Identity	Alpha 20	Enterable; Modifiable
E-Store Manager Phone	Alpha 20	Enterable; Modifiable
E-Store Manager E-Mail	Alpha 20	Enterable; Modifiable
E-Store WWW Site Map	Alpha 20	Enterable; Modifiable
Retailer/Manufacturer Relations	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15 X

Structure: Retailer's Virtual Kiosk Cat.		
Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 1	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 2	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 3	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 4	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 5	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 6	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 7	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 8	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No. 9	Alpha 20	Enterable; Modifiable
Total # of Virtual Kiosks	Alpha 20	Enterable; Modifiable
Retailer ID No.	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15 Y

Structure: Virtual Kiosk E-Mail		
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk E-Mail Log	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15 Z

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Structure: Virtual Kiosk User Activity		
Date(s) of Activity Measurement	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Number of HTML Pages Accessed	Alpha 20	Enterable; Modifiable
Number of UPC Requests at Kiosk	Alpha 20	Enterable; Modifiable
Number of Trademark Requests	Alpha 20	Enterable; Modifiable
Different HTML Pages Served-Up	Alpha 20	Enterable; Modifiable
Outgoing E-Mail Transmissions	Alpha 20	Enterable; Modifiable
System Mode Transitions	Alpha 20	Enterable; Modifiable
E-Commerce Transactions Made	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG 15AA

Structure: Promo Spot Order-Virtual Kiosk		
UPN of Promoted Product	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Scheduled Date of Promo Spot	Alpha 20	Enterable; Modifiable
Promoter Placing Order	Alpha 20	Enterable; Modifiable
Date of Promo Spot Order	Alpha 20	Enterable; Modifiable
Promoter ID No.	Alpha 20	Enterable; Modifiable
URL of Promotional Ad in DF1	Alpha 20	Enterable; Modifiable
Promotional Message in DF2	Alpha 20	Enterable; Modifiable
Promotional Message in DF3	Alpha 20	Enterable; Modifiable
Promotional Message in DF4	Alpha 20	Enterable; Modifiable
Promotional Message in DF5	Alpha 20	Enterable; Modifiable
Time Duration of Promotion Spot	Alpha 20	Enterable; Modifiable
Copyright Owner of Promo Ad	Alpha 20	Enterable; Modifiable
Ordered Number of Displays/Date	Alpha 20	Enterable; Modifiable
File Format of Promotional Ad	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Actual Number of Displays/Date	Alpha 20	Enterable; Modifiable
Actual Number of Interruptions	Alpha 20	Enterable; Modifiable
Cost of Promo Spot	Alpha 20	Enterable; Modifiable
Promo Cost Payment	Alpha 20	Enterable; Modifiable
Date of Promo Payment	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG 15BB

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Structure: Virtual Kiosk Promo Campaign		
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Date of Promo Campaign	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Promo Spot ID No.	Alpha 20	Enterable; Modifiable
Total Promo Spot Ordered	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15CC

Structure: Virtual Kiosk Ad Campaign		
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Date of Ad Campaign	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 1	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 2	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 3	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 4	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 5	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 6	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 7	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 8	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 9	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No. 10	Alpha 20	Enterable; Modifiable
Total Ad Spots Ordered on Kiosk	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15DD

Structure: Ad Credit -Physical Kiosk		
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk Ad Spot ID No.	Alpha 20	Enterable; Modifiable
UPN of Advertised Product	Alpha 20	Enterable; Modifiable
URL of Interrupted Ad	Alpha 20	Enterable; Modifiable
Date of Interruption	Alpha 20	Enterable; Modifiable
Time of Interruption	Alpha 20	Enterable; Modifiable
UPN of Interrupting Product	Alpha 20	Enterable; Modifiable
Amount of Ad Credit	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15EE

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Structure: Ad Credit --Virtual Kiosk		
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk Ad Spot ID No.	Alpha 20	Enterable; Modifiable
URL of Advertised Product	Alpha 20	Enterable; Modifiable
URL of Interrupted Ad	Alpha 20	Enterable; Modifiable
Date of Interruption	Alpha 20	Enterable; Modifiable
Time of Interruption	Alpha 20	Enterable; Modifiable
UPN of Interrupting Product	Alpha 20	Enterable; Modifiable
Amount of Ad Credit	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15FF

Structure: Promo Credit -- Physical Kiosk		
Advertiser ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No	Alpha 20	Enterable; Modifiable
UPN of Advertised Product	Alpha 20	Enterable; Modifiable
URL of Interrupted Promo	Alpha 20	Enterable; Modifiable
Date of Interruption	Alpha 20	Enterable; Modifiable
Time of Interruption	Alpha 20	Enterable; Modifiable
UPN of Interrupting Product	Alpha 20	Enterable; Modifiable
Amount of Promo Credit	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15GG

Structure: Promo Credit -- Virtual Kiosk		
Advertiser Identification No.	Alpha 20	Enterable; Modifiable
Virtual Kiosk ID No.	Alpha 20	Enterable; Modifiable
Physical Kiosk Promo Spot ID No	Alpha 20	Enterable; Modifiable
UPN of Advertised Product	Alpha 20	Enterable; Modifiable
URL of Interrupted Promo	Alpha 20	Enterable; Modifiable
Date of Interruption	Alpha 20	Enterable; Modifiable
Time of Interruption	Alpha 20	Enterable; Modifiable
UPN of Interrupting Product	Alpha 20	Enterable; Modifiable
Amount of Promo Credit	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15HH

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Structure: Purchase at Physical Store		
Retailer ID No.	Alpha 20	Enterable; Modifiable
Retail P-Store ID No.	Alpha 20	Enterable; Modifiable
UPN of Product Sold	Alpha 20	Enterable; Modifiable
Date of Product Sale	Alpha 20	Enterable; Modifiable
Time of Product Sale	Alpha 20	Enterable; Modifiable
Price of Sold Product	Alpha 20	Enterable; Modifiable
Customer ID No.	Alpha 20	Enterable; Modifiable
Credit Card No.	Alpha 20	Enterable; Modifiable
Retailer's Discount	Alpha 20	Enterable; Modifiable
Mfr's Promo Discount	Alpha 20	Enterable; Modifiable
URL of Promo Advertisement	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15 II

Structure: Purchase at E-Store		
Retailer ID No.	Alpha 20	Enterable; Modifiable
Retail E-Store ID No.	Alpha 20	Enterable; Modifiable
UPN of Product Sold	Alpha 20	Enterable; Modifiable
Date of Product Sale	Alpha 20	Enterable; Modifiable
Time of Product Sale	Alpha 20	Enterable; Modifiable
Price of Sold Product	Alpha 20	Enterable; Modifiable
Customer ID No.	Alpha 20	Enterable; Modifiable
Credit Card No.	Alpha 20	Enterable; Modifiable
Retailer's Promo Discount	Alpha 20	Enterable; Modifiable
Mfr's Promo Discount	Alpha 20	Enterable; Modifiable
URL of Promo Advertisement	Alpha 20	Enterable; Modifiable
Date of Record Creation	Alpha 20	Enterable; Modifiable

FIG. 15 JJ

Structure: Retailer/Mfr. E-Store Relation		
Retail E-Store ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #1 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #2 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #3 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #4 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #5 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #6 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #7 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #8 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #9 ID No.	Alpha 20	Enterable; Modifiable
Manufacturer #10 ID No.	Alpha 20	Enterable; Modifiable
Total # Mfr. Relationships	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15 KK

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Structure: Mfr. Shelf/Aisle Rights		
P-Gosk Aisle/Shelf Location	Alpha 20	Enterable; Modifiable
MIN of Mfr. #1	Alpha 20	Enterable; Modifiable
MIN of Mfr. #2	Alpha 20	Enterable; Modifiable
MIN of Mfr. #3	Alpha 20	Enterable; Modifiable
MIN of Mfr. #4	Alpha 20	Enterable; Modifiable
MIN of Mfr. #5	Alpha 20	Enterable; Modifiable
MIN of Mfr. #6	Alpha 20	Enterable; Modifiable
MIN of Mfr. #7	Alpha 20	Enterable; Modifiable
MIN of Mfr. #8	Alpha 20	Enterable; Modifiable
MIN of Mfr. #9	Alpha 20	Enterable; Modifiable
MIN of Mfr. #10	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15 LL

Structure: Mfr. E-Store Web-Page Rights		
E-Store Web-Page Location	Alpha 20	Enterable; Modifiable
MIN of Mfr. #1	Alpha 20	Enterable; Modifiable
MIN of Mfr. #2	Alpha 20	Enterable; Modifiable
MIN of Mfr. #3	Alpha 20	Enterable; Modifiable
MIN of Mfr. #4	Alpha 20	Enterable; Modifiable
MIN of Mfr. #5	Alpha 20	Enterable; Modifiable
MIN of Mfr. #6	Alpha 20	Enterable; Modifiable
MIN of Mfr. #7	Alpha 20	Enterable; Modifiable
MIN of Mfr. #8	Alpha 20	Enterable; Modifiable
Date of Record Update	Alpha 20	Enterable; Modifiable

FIG. 15 MM

^{Mfrs}
(Virtual Shelf Rights)
a134

Country	Year	Population (millions)	Urban population (millions)	Urban population (%)	Population density (per sq km)	Urban population density (per sq km)
Algeria	1980	10.0	4.0	40.0	100	400
Algeria	1985	10.5	4.5	42.9	110	450
Algeria	1990	11.0	5.0	45.5	120	500
Algeria	1995	11.5	5.5	47.8	130	550
Algeria	2000	12.0	6.0	50.0	140	600
Algeria	2005	12.5	6.5	52.0	150	650
Algeria	2010	13.0	7.0	53.8	160	700
Algeria	2015	13.5	7.5	55.6	170	750
Algeria	2020	14.0	8.0	57.1	180	800
Algeria	2025	14.5	8.5	58.6	190	850
Algeria	2030	15.0	9.0	60.0	200	900
Algeria	2035	15.5	9.5	61.3	210	950
Algeria	2040	16.0	10.0	62.5	220	1000
Algeria	2045	16.5	10.5	63.6	230	1050
Algeria	2050	17.0	11.0	64.7	240	1100
Algeria	2055	17.5	11.5	65.7	250	1150
Algeria	2060	18.0	12.0	66.7	260	1200
Algeria	2065	18.5	12.5	67.6	270	1250
Algeria	2070	19.0	13.0	68.4	280	1300
Algeria	2075	19.5	13.5	69.2	290	1350
Algeria	2080	20.0	14.0	70.0	300	1400
Algeria	2085	20.5	14.5	70.7	310	1450
Algeria	2090	21.0	15.0	71.4	320	1500
Algeria	2095	21.5	15.5	72.1	330	1550
Algeria	2100	22.0	16.0	72.7	340	1600
Algeria	2105	22.5	16.5	73.3	350	1650
Algeria	2110	23.0	17.0	73.9	360	1700
Algeria	2115	23.5	17.5	74.5	370	1750
Algeria	2120	24.0	18.0	75.0	380	1800
Algeria	2125	24.5	18.5	75.5	390	1850
Algeria	2130	25.0	19.0	76.0	400	1900
Algeria	2135	25.5	19.5	76.5	410	1950
Algeria	2140	26.0	20.0	76.9	420	2000
Algeria	2145	26.5	20.5	77.3	430	2050
Algeria	2150	27.0	21.0	77.8	440	2100
Algeria	2155	27.5	21.5	78.2	450	2150
Algeria	2160	28.0	22.0	78.6	460	2200
Algeria	2165	28.5	22.5	78.9	470	2250
Algeria	2170	29.0	23.0	79.3	480	2300
Algeria	2175	29.5	23.5	79.7	490	2350
Algeria	2180	30.0	24.0	80.0	500	2400
Algeria	2185	30.5	24.5	80.3	510	2450
Algeria	2190	31.0	25.0	80.6	520	2500
Algeria	2195	31.5	25.5	81.0	530	2550
Algeria	2200	32.0	26.0	81.3	540	2600
Algeria	2205	32.5	26.5	81.6	550	2650
Algeria	2210	33.0	27.0	81.8	560	2700
Algeria	2215	33.5	27.5	82.1	570	2750
Algeria	2220	34.0	28.0	82.4	580	2800
Algeria	2225	34.5	28.5	82.6	590	2850
Algeria	2230	35.0	29.0	82.9	600	2900
Algeria	2235	35.5	29.5	83.1	610	2950
Algeria	2240	36.0	30.0	83.3	620	3000
Algeria	2245	36.5	30.5	83.6		

- FIG. 16

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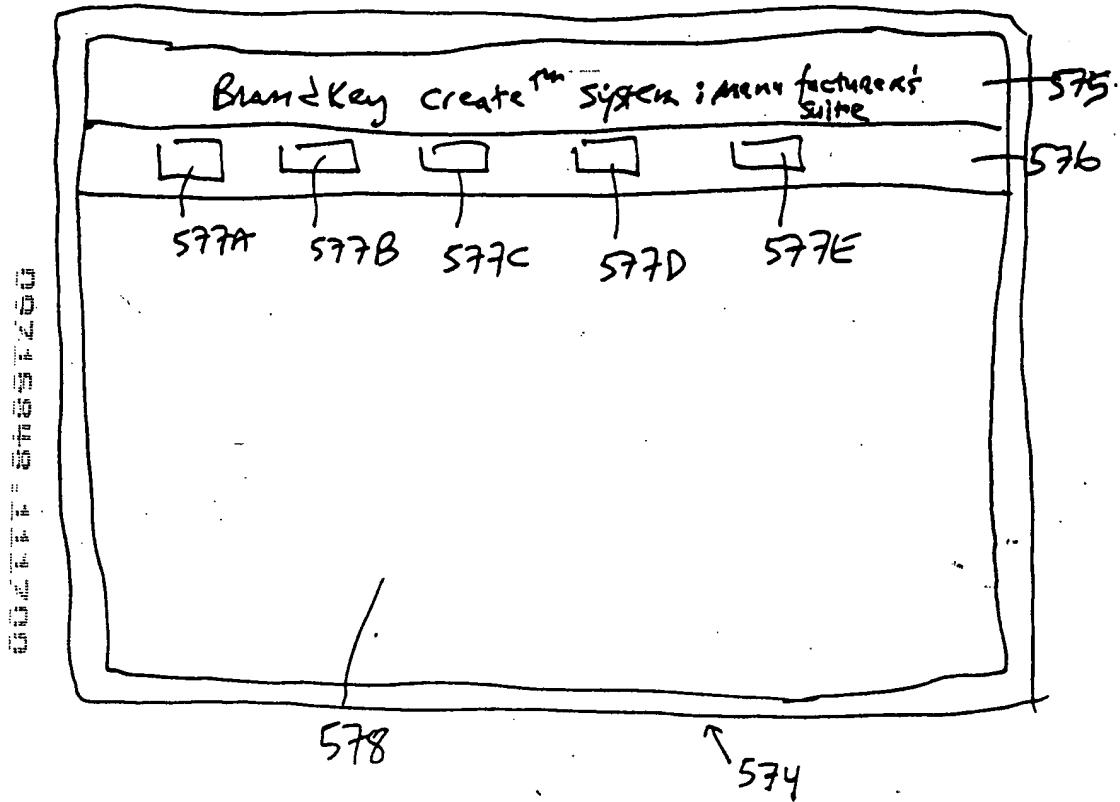


FIG. 16A

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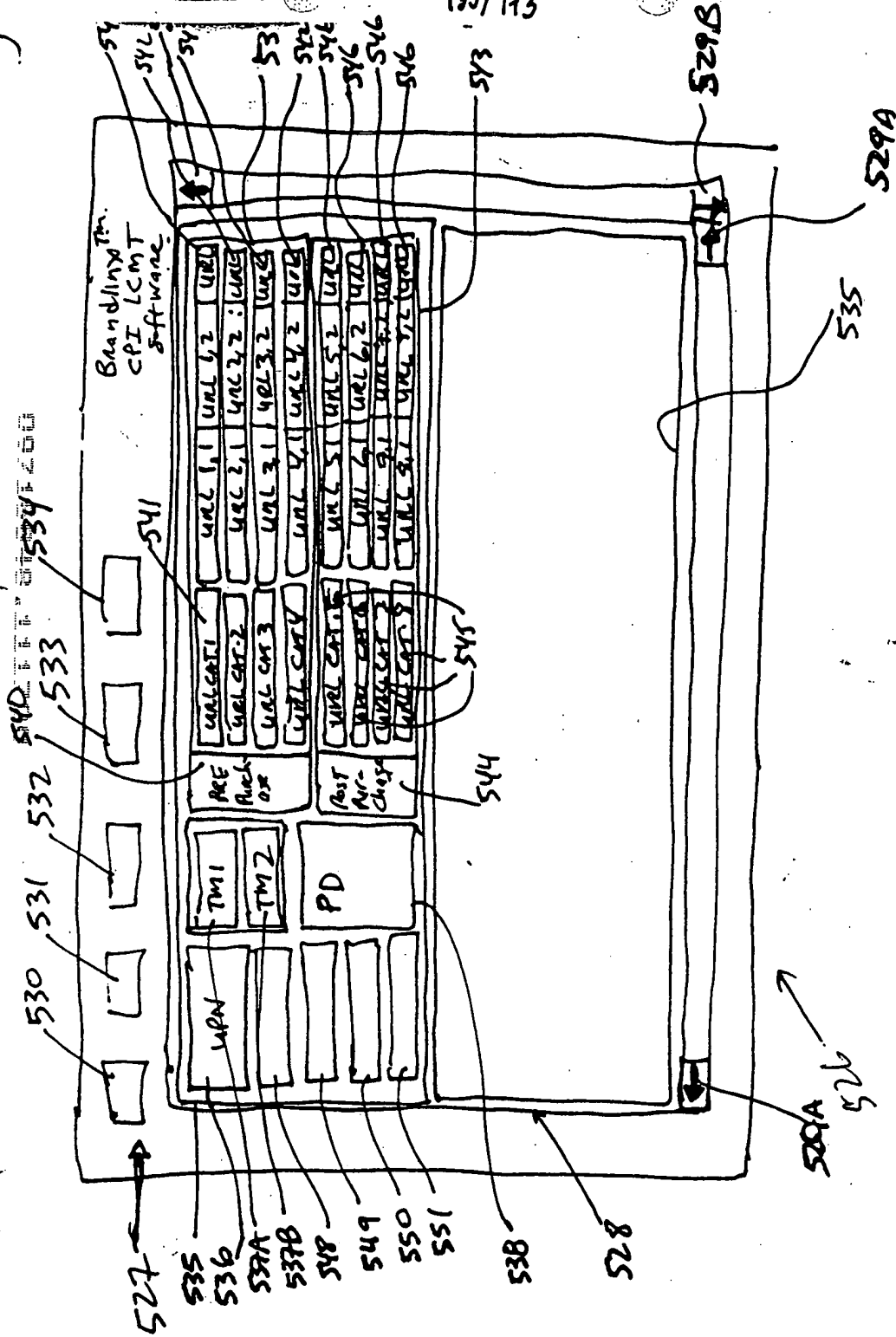


FIG. 17

00211-8105F200

DISTRIBUTED METHOD AND SYSTEM OF UPC/URL MANAGEMENT OVER A LAN OR WAN

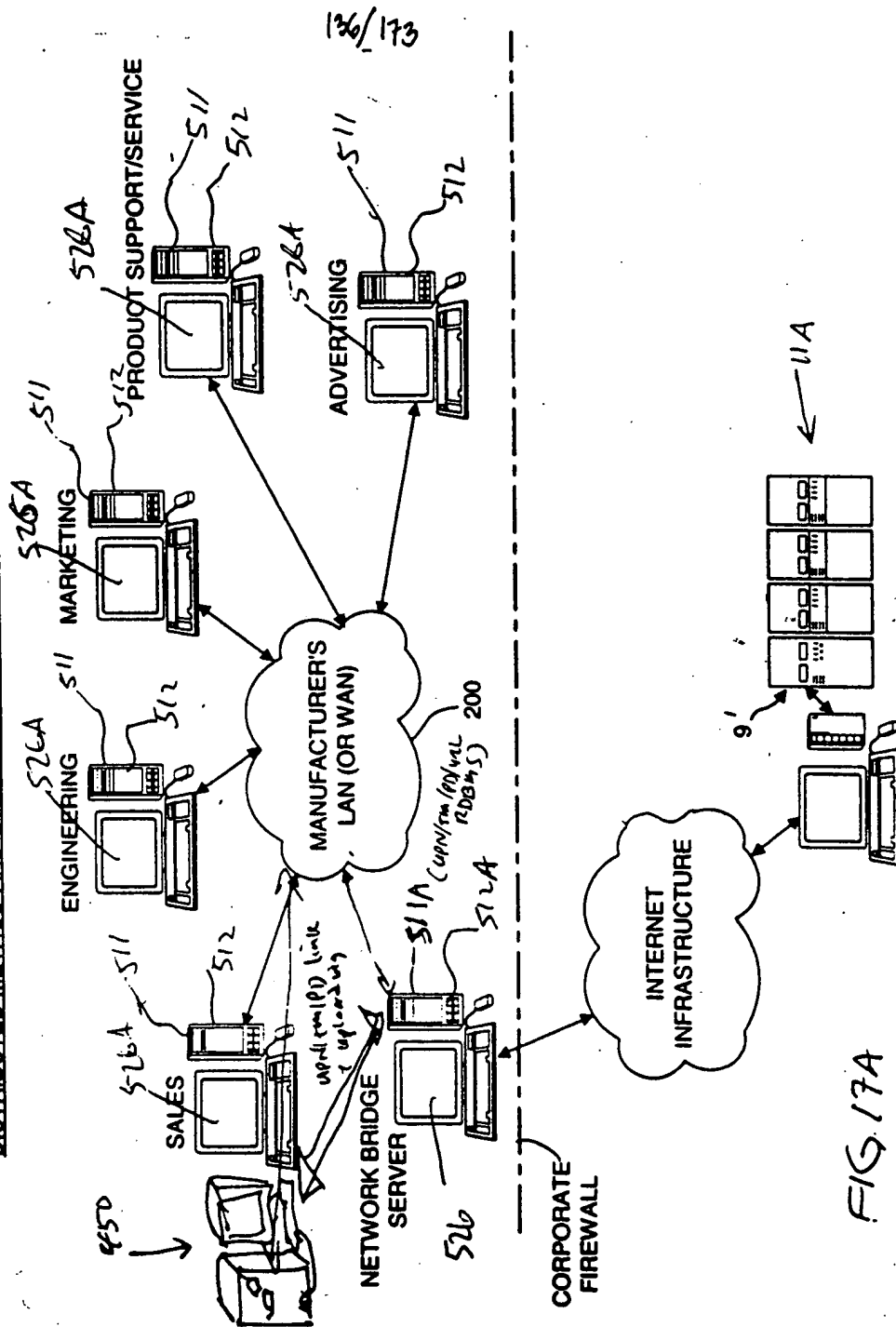


FIG 17A

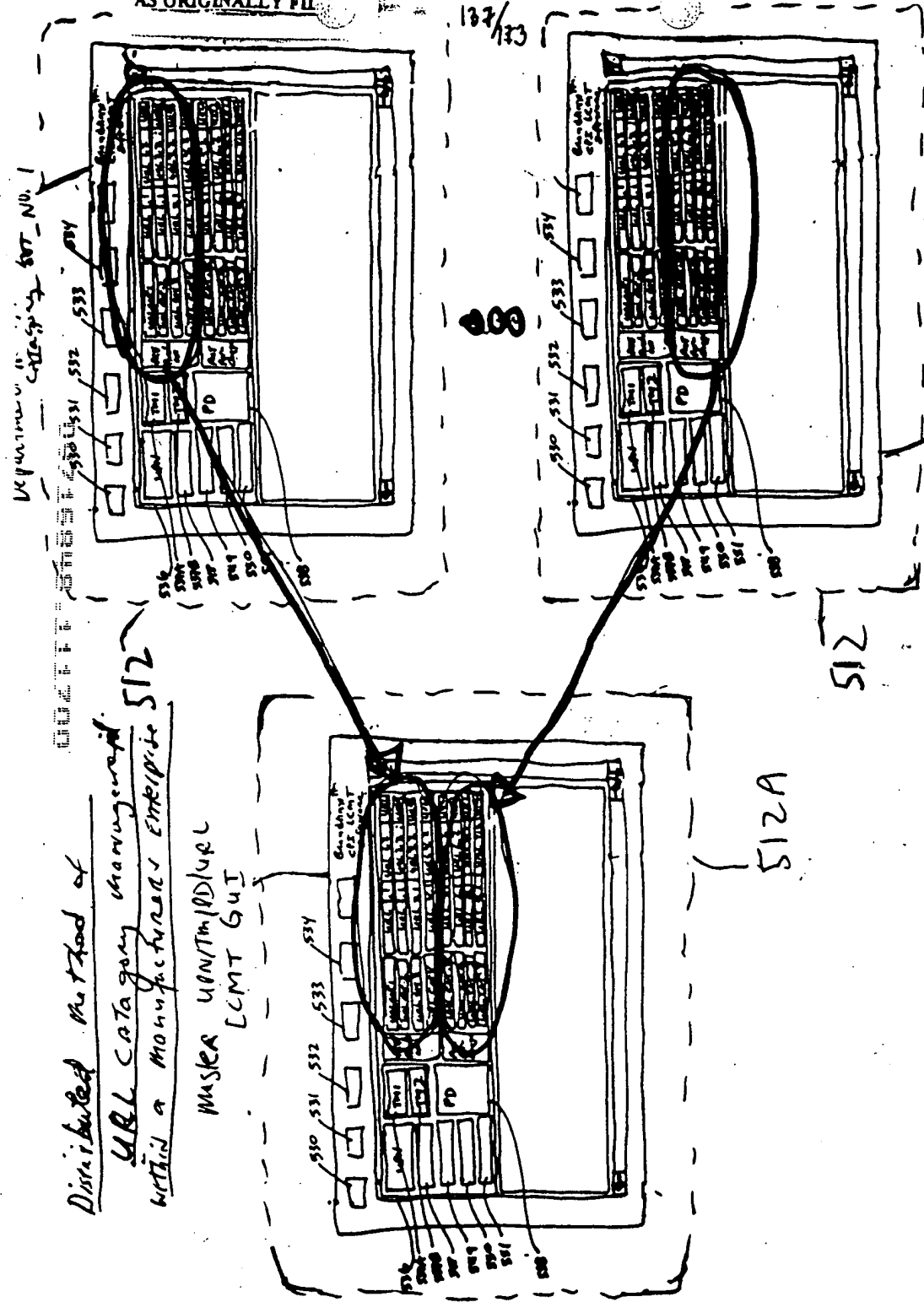


Fig. 17B

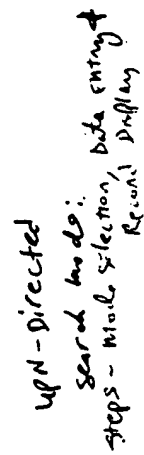
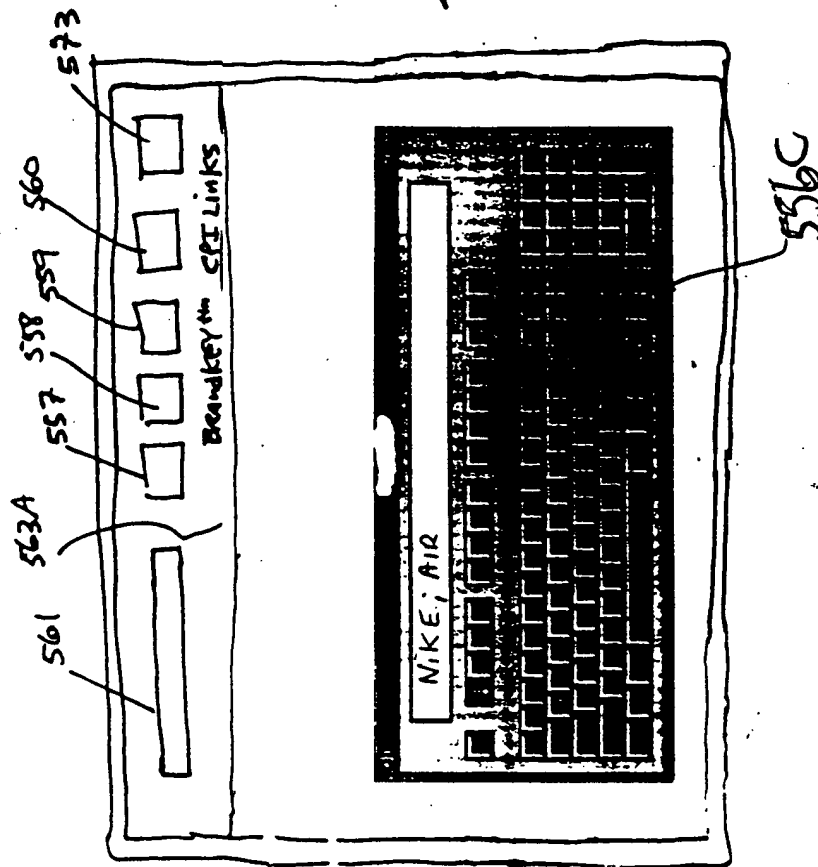


FIG. 18A

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← 552b

DATE: 5/15/2000

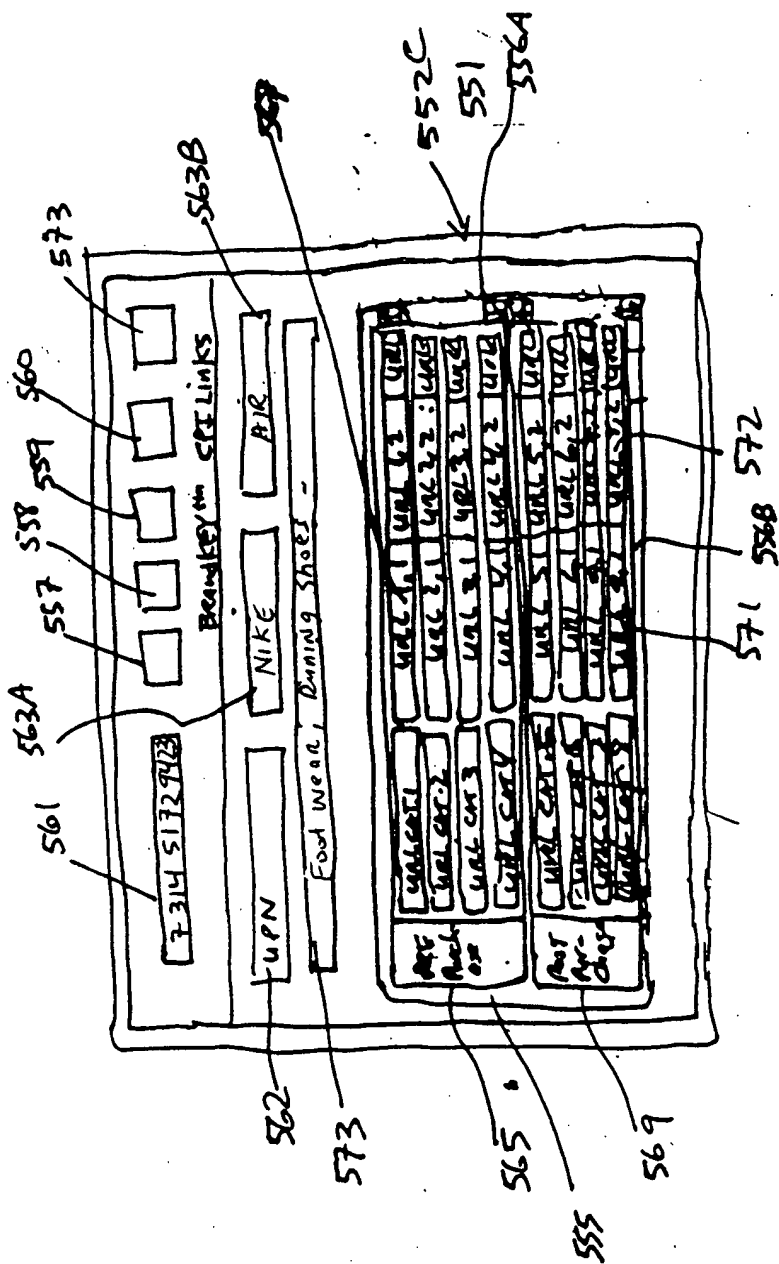


TM- Directed Search Mode:
Step 1 - Mode Selection
of Data Entry

FIG. 18B1

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00214 51729423

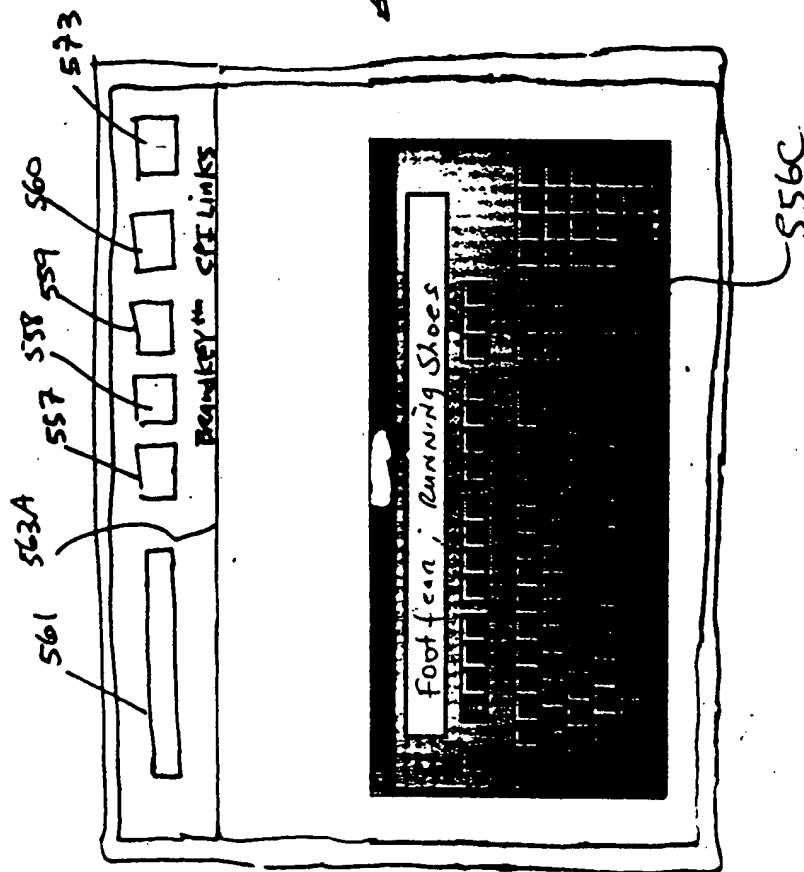


TM-Directed
Search Mode:
Step 2 - Record selection
& Display

FIG. 18B2

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~~6-552D~~



PD-Directed
Search made:
Step 1 - made selection
of data entry

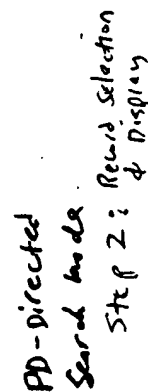


FIG. 18CZ

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Modes of Information Service in the CPI Kiosk Configuration, Deployment,
Management and Access Subsystem (504)

Retailers (in physical and electronic streams of commerce)

- Registration of Retailer/Creation of Retailer Account
- Log-in by Retailer
- Update and Display Kiosk Deployment Directory -
- Select/order Physical and Virtual Kiosk for Deployment:
 - Specify Location of Kiosk Installation and Deployment
 - Selection of Information Services delivered by Deployed EPI Kiosk
 - Selection and customization of CPI Design- Kiosk GUI Design
- Registration of Manufacturer's Physical Aisle/Shelf Rights/Privileges on CPI Kiosks
- Certification of Retailer's Advertising Agents
- Certification of Retailer's Product Promotional Agents
- Monitoring Performance of Registered Retailer Advertising Agents
- Monitoring Performance of registered Retailer Promotional Agents

Consumers

- Registration of Consumer (for Retailer-Issued Courtesy Cards)
- Display of Kiosk Deployment Directories
 - Virtual CPI Kiosks Deployed in Retailer E-stores
 - Physical CPI Kiosks Deployed in Retailer P-Stores
 - Virtual CPI Kiosks Deployed on WWW
- Monitor consumer CPI E-Mail Transmissions from Subsystem

Fig. 19A

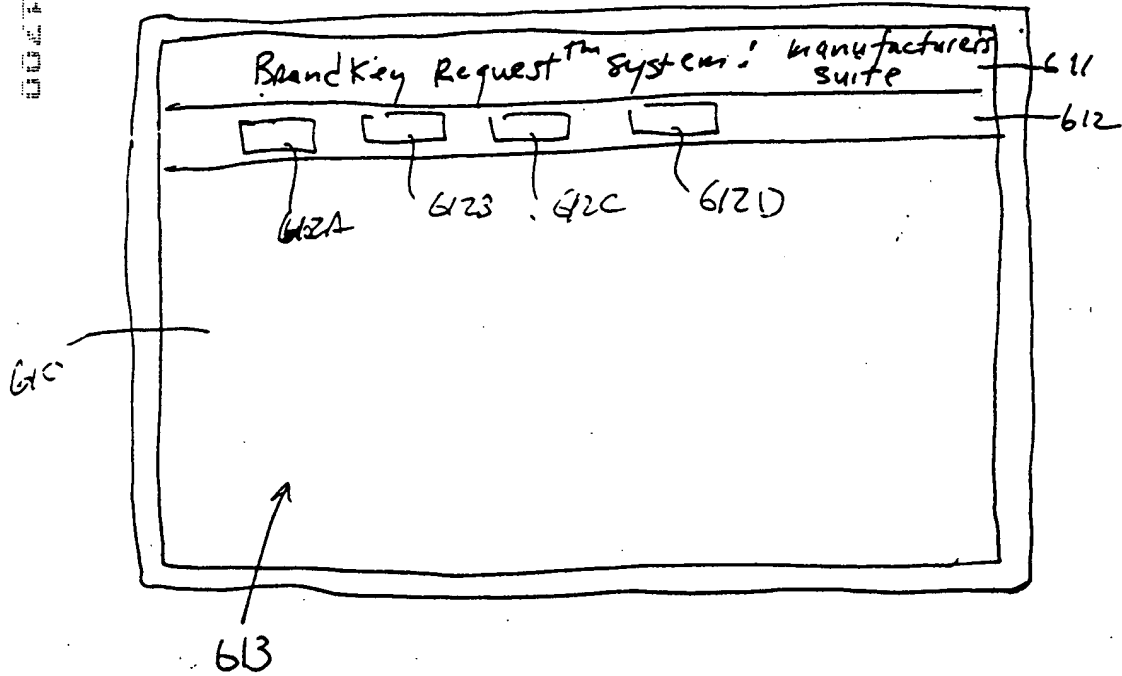
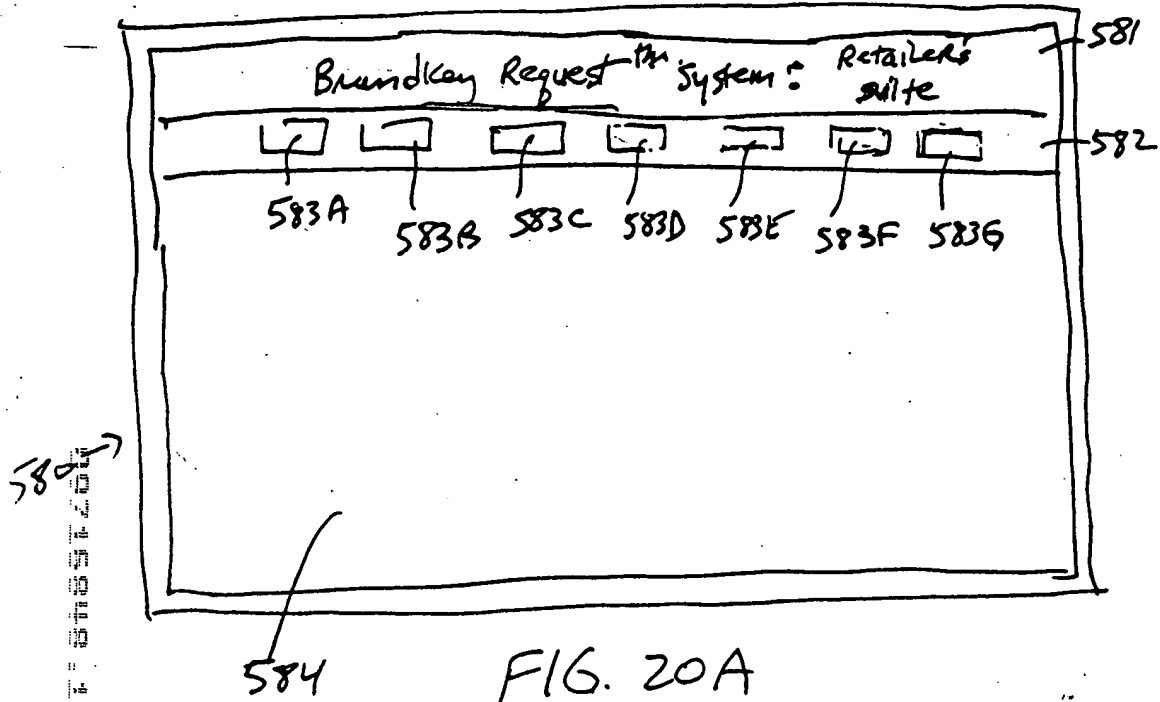
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Manufacturer's (in electronic streams of commerce)

- Registration of Manufacture/Creation of Retailer Account
- Log-in by Manufacturer
- Update and Display Manufacturer's Virtual Kiosk Deployment Directory –
- Select/order Virtual Kiosk for Deployment
 - Specify domain of Virtual kiosk Installation and Deployment
 - Selection of Information Services Delivered by Deployed Virtual CPI Kiosk
 - Selection and Customization of – Virtual CPI Kiosk GUI Design
- Registration of Manufacturer's Aisle/Shelf Rights/Privileges on CPI Kiosks
- Certification of Manufacturer's Advertising Agents
- Certification of Manufacturer's Product Promotional Agents
- Monitoring Performance of Certified/Registered Manufacturer's Advertising Agents
- Monitoring Performance of Certified/Registered Manufacturer's Promotional Agents

FIG 19B

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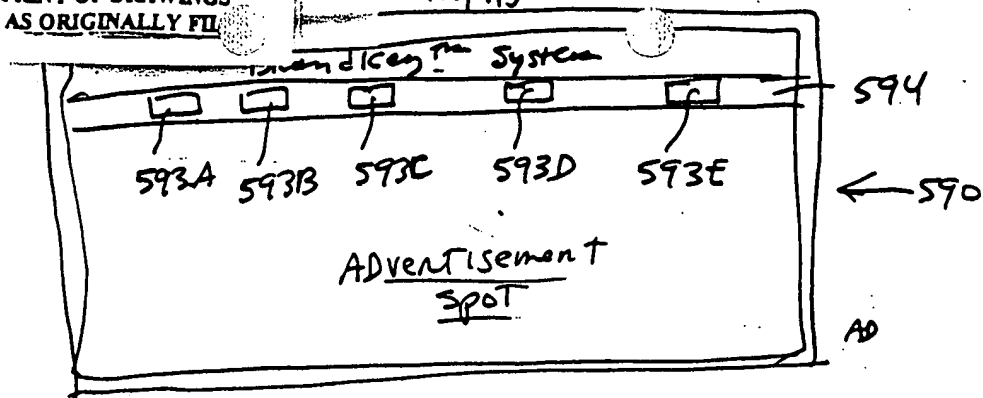


FIG. 21A

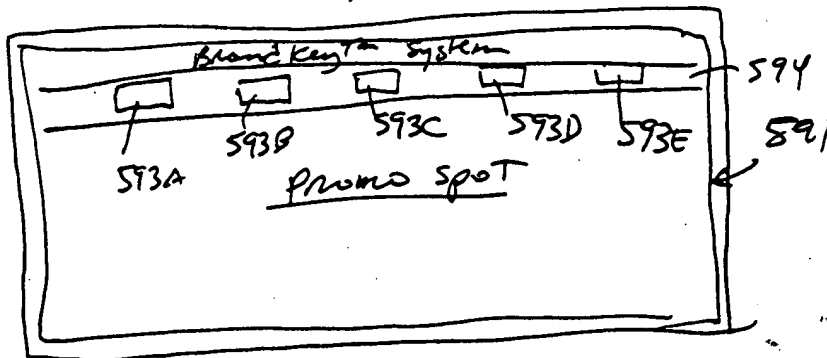


FIG. 21B

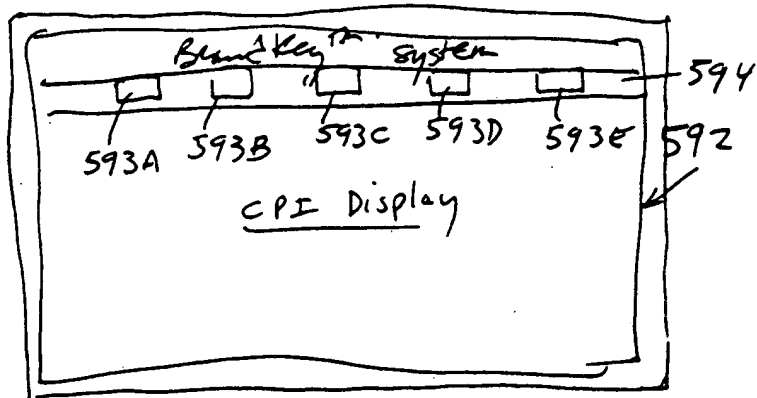


FIG. 21C

00715048 111700

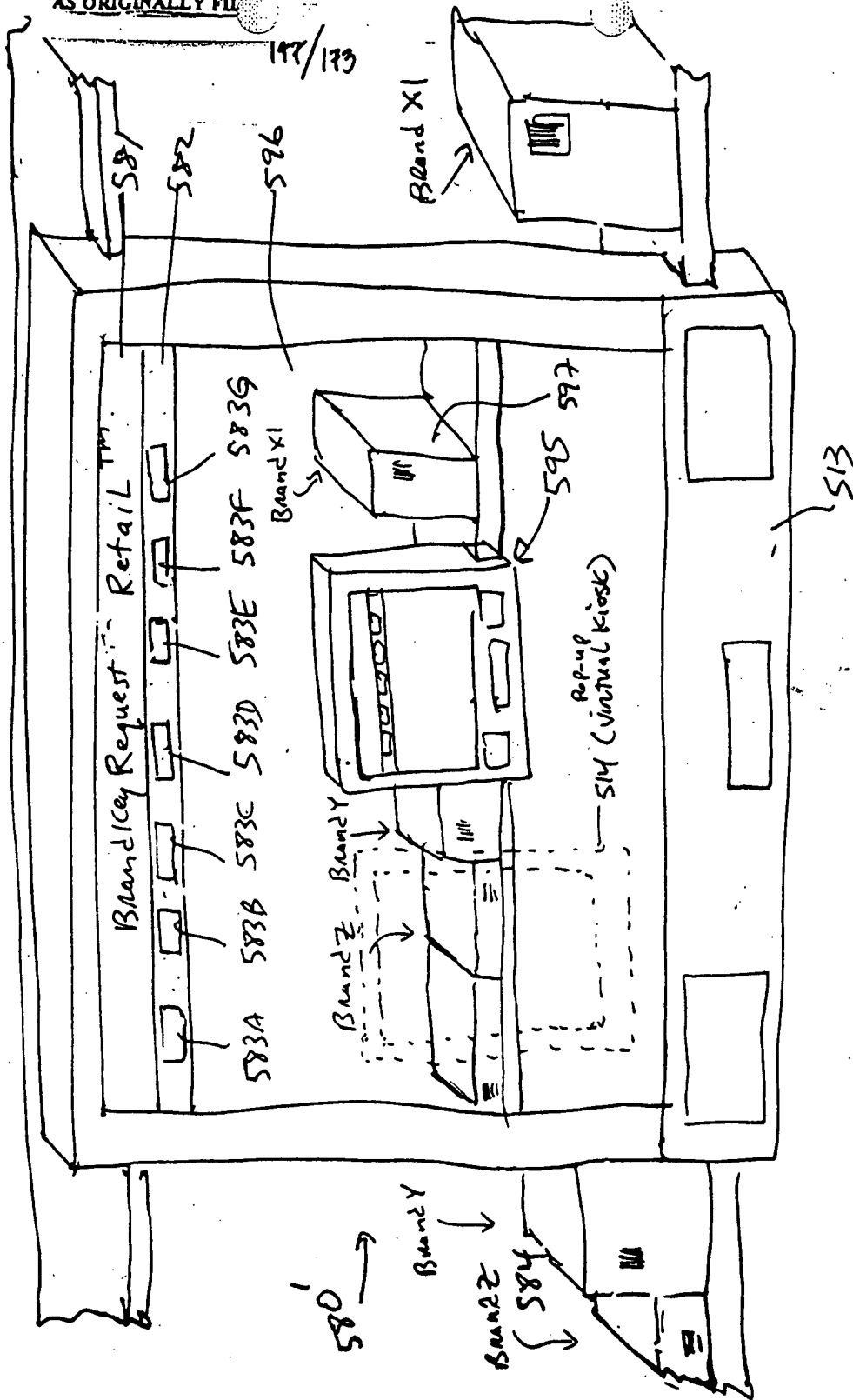


FIG. 22

1
Infya Aislo/shelf Right/Plu. Registration

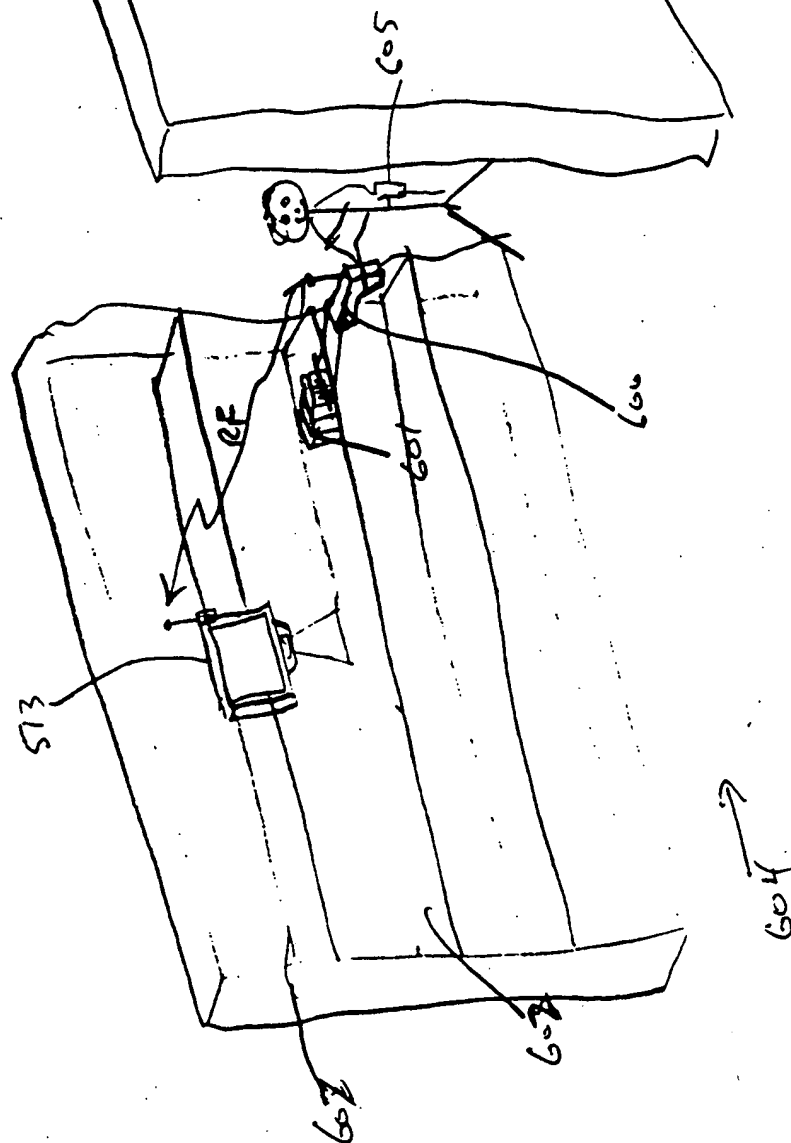


FIG. 23

1A9/123

Induce CPI Kiosk into its "Manufacturers
Aisle/Shelf Rights/Privileges" Registration
Mode

A

Read the UPC symbol on each product
in the aisle/shelf in which the kiosk
is installed so as to register the
product and/or manufacturer thereof
as having aisle/shelf rights/privs.
with respect to displaying ads and/or
promotions on the kiosk

B

FIG. 24A

Induce CPI Kiosk into its
"Manufacturers Aisle/Shelf Rights/
Privs." Registration mode

A

Enter into the kiosk (or system) the
trademark carried by each consumer
product in the aisle/shelf in which
the kiosk is installed so as to register
the product and/or mfg. thereof as
having aisle/shelf rights/privs. with respect
to displaying ads and/or promotions on
the kiosk

B

FIG. 24B

DATA-PROCESSING METHOD CARRIED OUT ON CPI REQUESTS MADE BY CONSUMERS FROM PHYSICAL RETAILER-BASED CPI KIOSKS IN ACCORDANCE WITH THE PRINCIPLES OF THE PRESENT INVENTION

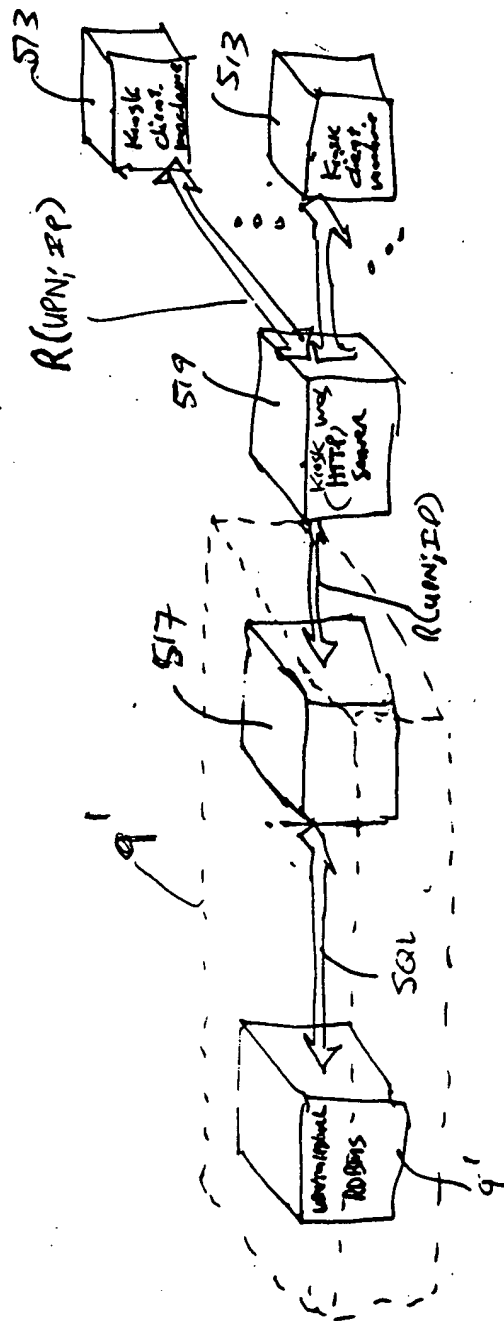


Fig. 25

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DATA Filtering on CPI Requests
MADE FROM Physical KIOSKS Deployed in A Retailers Store

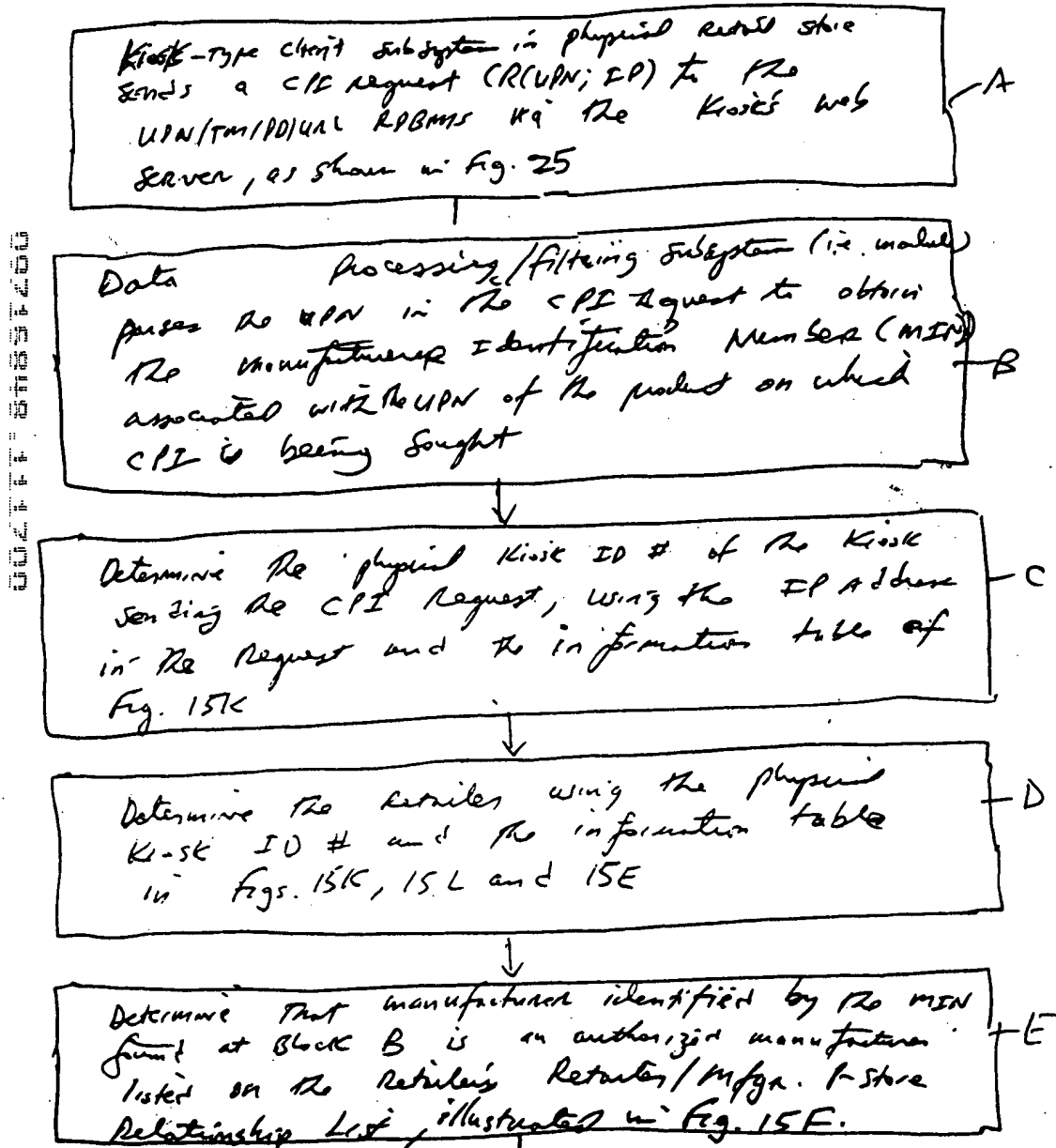


FIG. 26A (A)

(A)

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F

If manufacturer identified by the obtained MTN
is on the Retailer/mfgn. P-Store Relationship
list, then transmit CPI Search Results
to the Kiosk-based client machine making the
CPI Request



G

If manufacturer identified by the obtained MTN
is not on the Retailer/mfgn. P-Store
Relationship list, then do not transmit
CPI Search Results to the Kiosk-based
client machine making the CPI Request

FIG. 26B

00211181851280

DATA-PROCESSING METHOD CARRIED OUT ON CPI REQUESTS MADE BY
CONSUMERS FROM VIRTUAL-TYPE RETAILER-BASED CPI KIOSKS IN
ACCORDANCE WITH THE PRINCIPLES OF THE PRESENT INVENTION

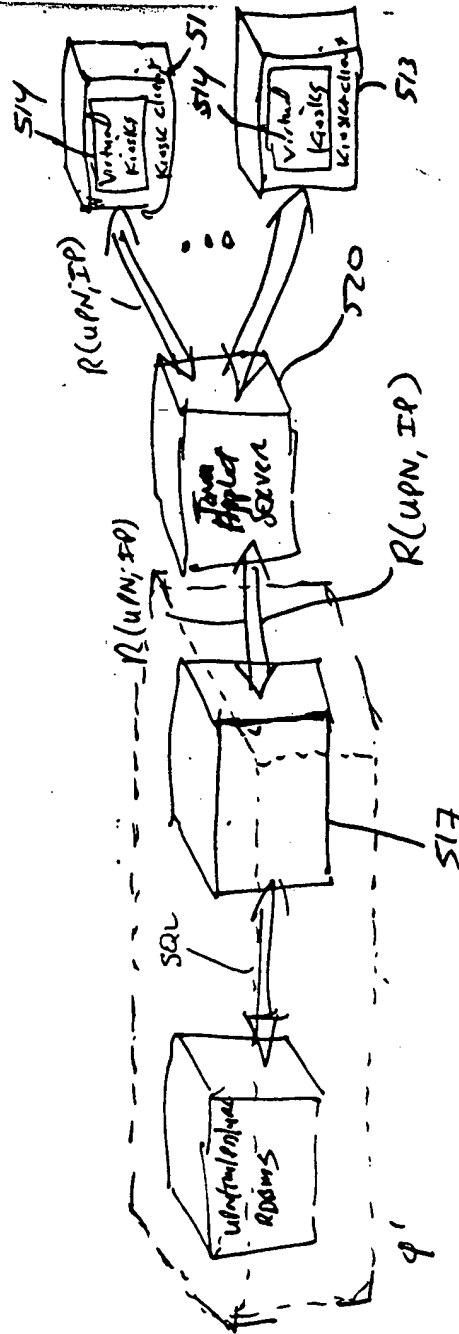


FIG. 27

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Data Filtering on CPI

Requests Made From Virtual (App-enabled) Kiosks
Deployed at an E-tailer's WWW site or E-store

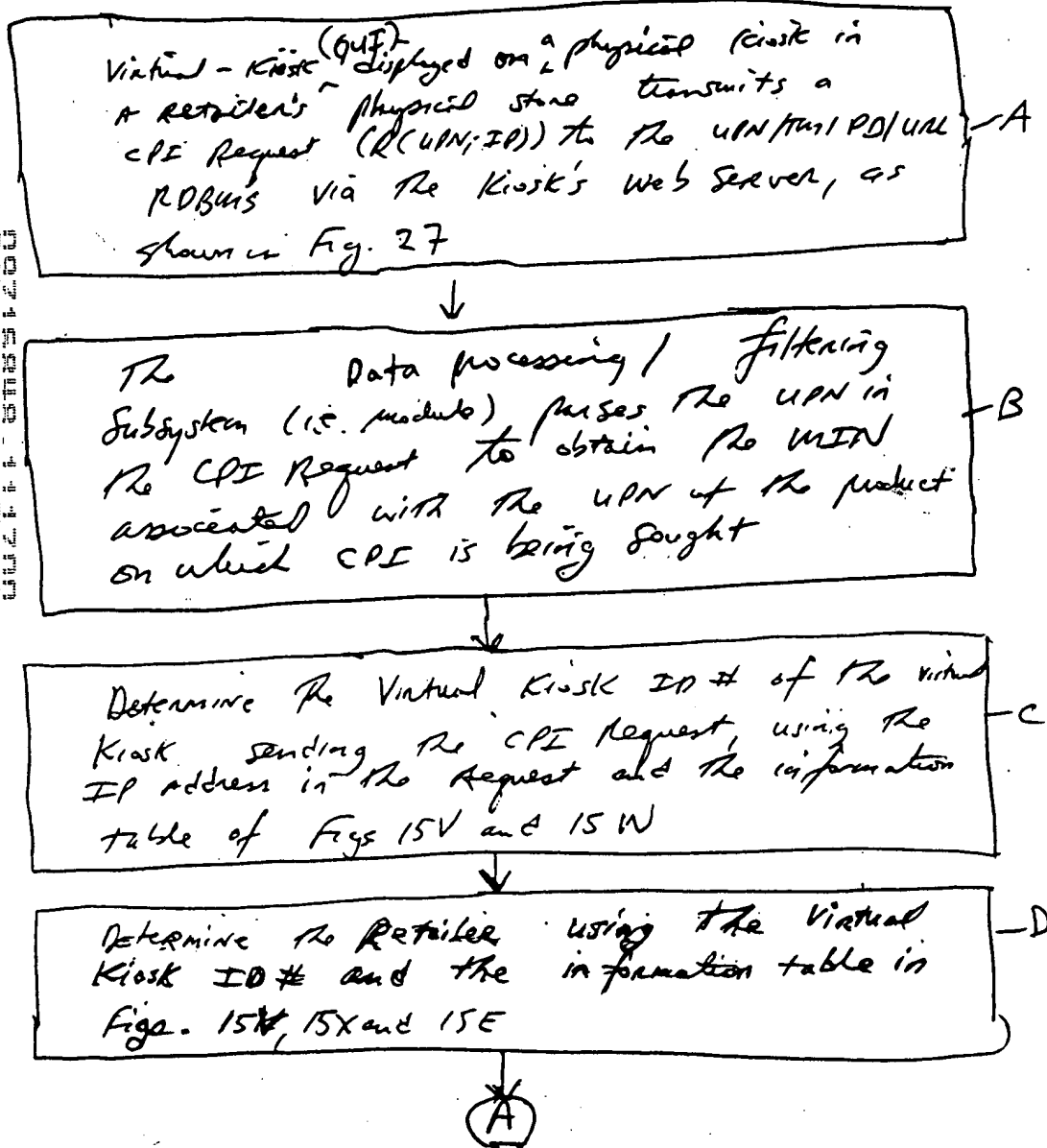


FIG 28A

(A)

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Determine that manufacturer identified by the MIN found at Block B is an authorized manufacturer listed on the Retailer's Retailer/Mfg. P-store Relationship List illustrated in Fig. 15F

If the manufacturer identified by the obtained MIN is on the Retailer/Mfg. P-store Relationship List, then transmit CPI Search Results to the Kiosk-based client machine making the CPI Request

If the manufacturer identified by the obtained MIN is not on the Retailer/Mfg. P-store Relationship List, then do not transmit CPI Search Results to the Kiosk-based client machine making the CPI Request

FIG. 28B

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Modes of Information Service in the Consumer Product Advertisement
Marketing, Programming, Management and Delivery Subsystem (502)

Advertisers

- Registration of Advertiser/Creation of Advertiser Account
- Log-in by Advertiser
- Display Kiosk Advertising Directory Identifying CPI Kiosks on Which the Advertiser is Authorized to Display Advertisements on Consumer Products
- Display Kiosk Advertising Directory Identifying CPI Kiosks on Which the Advertiser is Authorized to Display Advertisements on a Particular Brand or Brands of Consumer Product
- Register Kiosk Advertising Campaign to be Displayed on a retailer-Authorized Subnetwork of CPI Kiosks
- Build Kiosk Advertising Campaign by Placing Ad Spot Orders to Be Run on a Particular Subnetwork of CPI Kiosks
- Run and Display Kiosk Advertising Campaign on Retailer-Authorized Subnetwork of CPI Kiosks
- Modify Kiosk Advertising Campaign
- Monitor Performance of Kiosk Advertising Campaign

FIG. 29

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00215848-14700

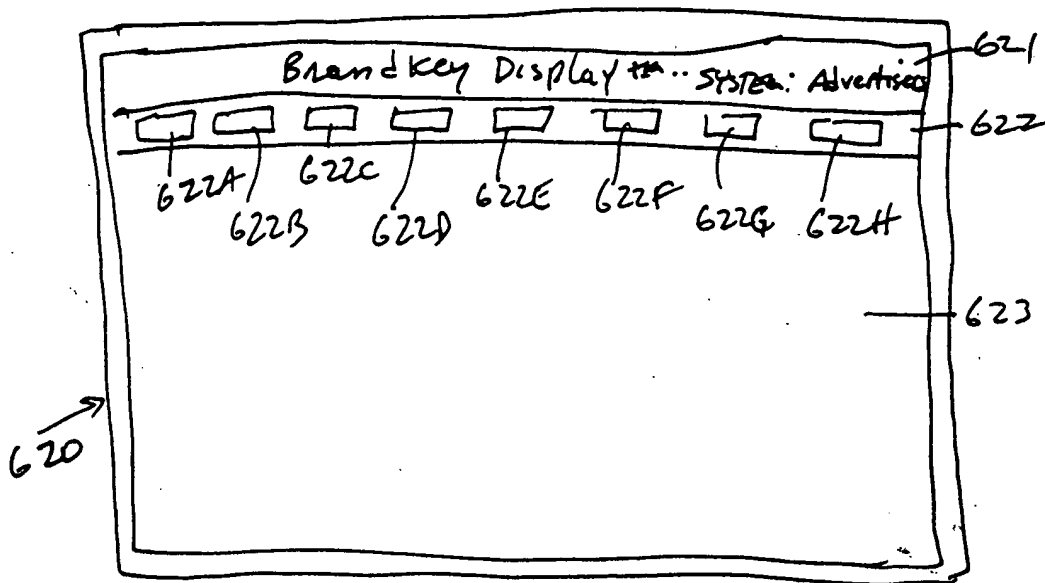


FIG. 30

DATA-PROCESSING METHOD APPLIED DURING THE GENERATION OF A
KIOSK
ADVERTISING DIRECTORY IDENTIFYING A DEPLOYED
NETWORK OF PHYSICAL AND VIRTUAL TYPES OF RETAILER-BASED CH
KIOSKS ON WHICH PARTICULAR ADVERTISERS AND ADVERTISING AGENTS
ARE AUTHORIZED BY RETAILERS TO DISPLAY PRODUCT ADVERTISEMENTS,
IN ACCORDANCE WITH THE PRINCIPLES OF THE PRESENT INVENTION

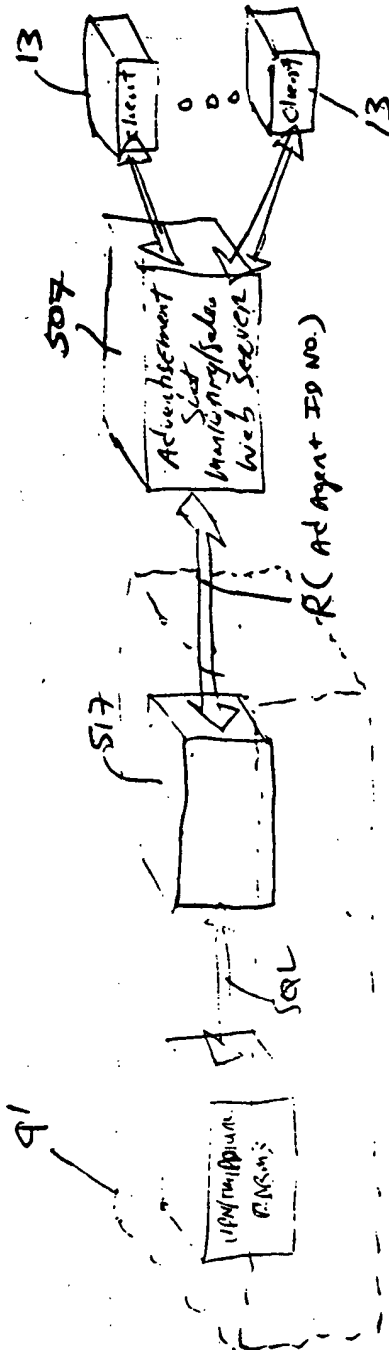


FIG. 31

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**DATA PROCESSING METHOD FOR GENERATING A GENERAL KIOSK
ADVERTISING DIRECTORY WHICH INCLUDES ONLY (PHYSICAL AND
VIRTUAL) KIOSKS ON WHICH THE REGISTERED ADVERTISER IS
AUTHORIZED BY RETAILERS TO PLACE AD SPOT ORDERS FOR
EXECUTION AND DISPLAY**

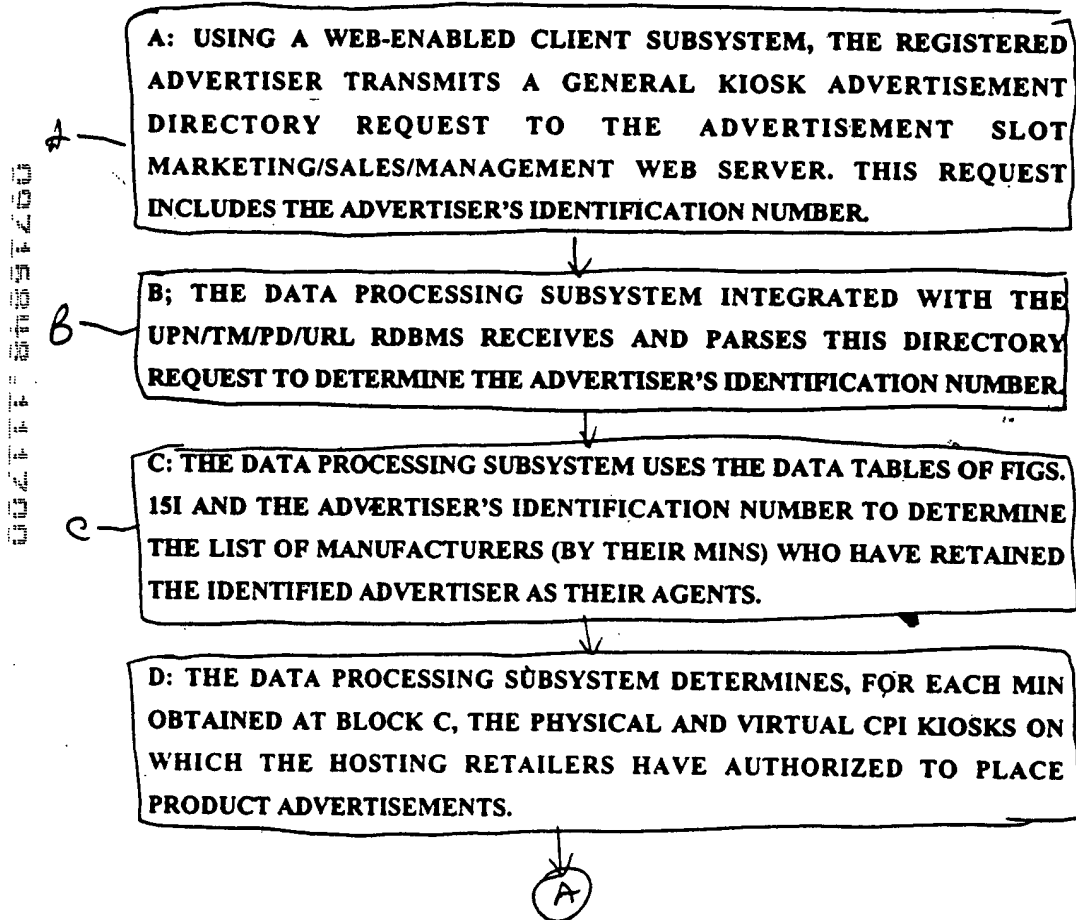


FIG. 32A

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(A)
↓

E: THE DATA PROCESSING SUBSYSTEM USES THE ASCERTAINED MINS AND MANUFACTURER AISLE/SHELF RIGHTS/PRIVILEGES RECORDED WITHIN THE UPN/TM/PD/URL RDBMS TO DETERMINE THOSE PHYSICAL AND VIRTUAL CPI KIOSKS ON WHICH THE ADVERTISER MAY ORDER ADVERTISEMENTS ABOUT PRODUCTS OF MANUFACTURERS WHO HAVE BEEN GRANTED SUCH RIGHTS/PRIVILEGES. THIS LIST OF PHYSICAL AND VIRTUAL CPI KIOSKS IS THEN COMPILED TO PRODUCE THE GENERALIZED KIOSK ADVERTISEMENT DIRECTORY FOR TRANSMISSION TO THE REQUESTING ADVERTISER.

FIG. 32B

00215010 11 1700

DATA-PROCESSING METHOD APPLIED DURING THE GENERATION OF

ADVERTISING DIRECTORY IDENTIFYING A DEPLOYED
KIOSK NETWORK OF PHYSICAL AND VIRTUAL TYPES OF RETAILER-BASED OR
KIOSKS ON WHICH A PARTICULAR ADVERTISER OR ADVERTISING AGENT IS
AUTHORIZED BY KIOSK-HOSTING RETAILERS TO DISPLAY PRODUCT
ADVERTISEMENTS REGARDING A PARTICULAR BRAND OF UPN-INDEXED
CONSUMER PRODUCT IN ACCORDANCE WITH THE PRINCIPLES OF THE
PRESENT INVENTION

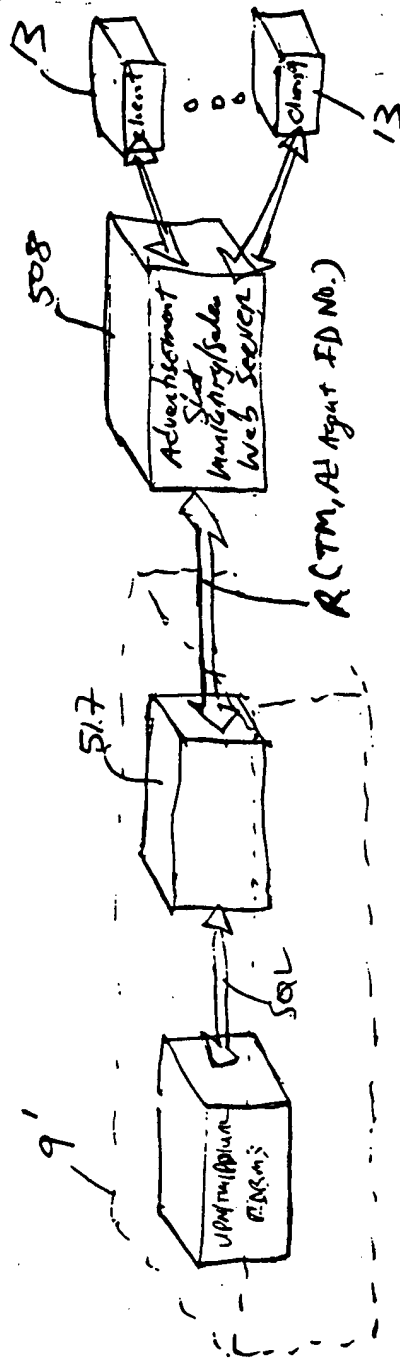


FIG. 33

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**DATA PROCESSING METHOD FOR GENERATING FOR
GENERATING A BRAND KIOSK ADVERTISING DIRECTORY WHICH
INCLUDES ONLY (PHYSICAL AND VIRTUAL) KIOSKS ON WHICH
THE REGISTERED ADVERTISER IS AUTHORIZED BY RETAILERS
TO PLACE AD SPOT ORDERS FOR EXECUTION AND DISPLAY.**

00715040-1-1700
0024-1-0001-200

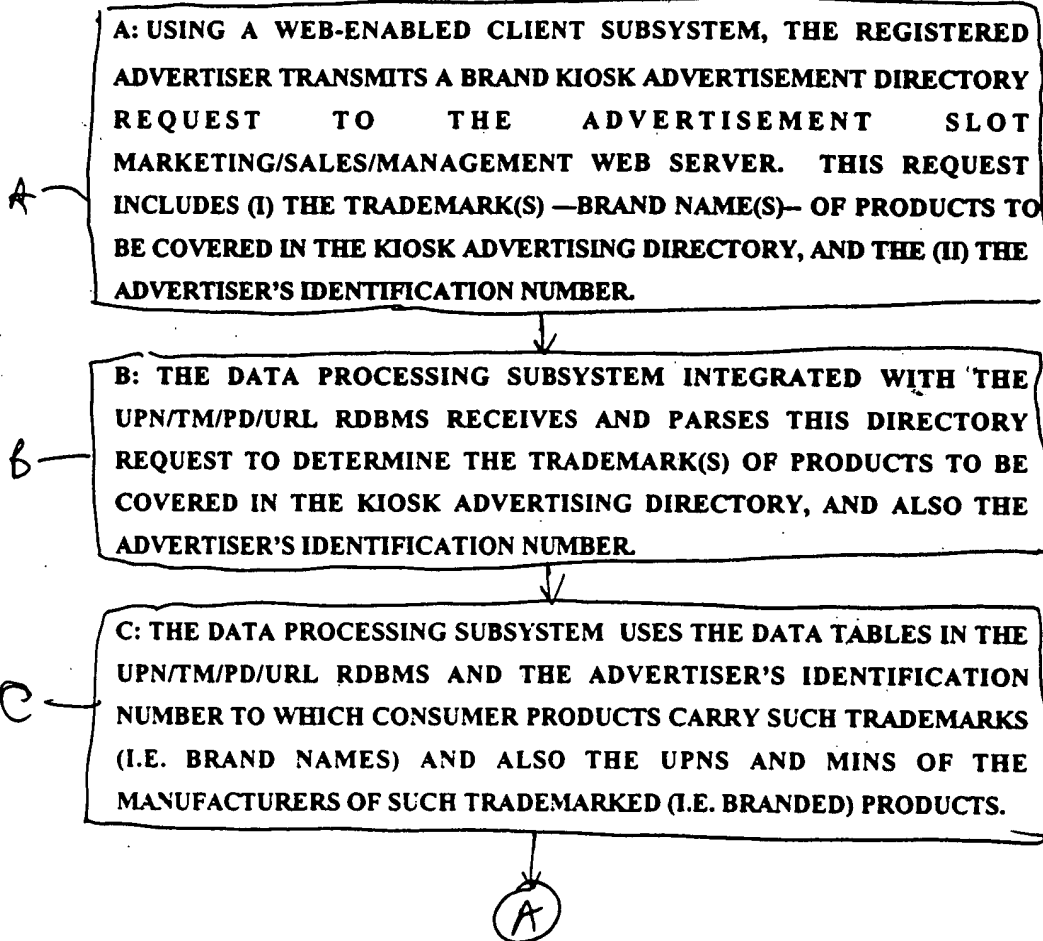


FIG. 34A

D

1. 姓名: 王明
 2. 性别: 男
 3. 年龄: 25
 4. 职业: 教师
 5. 籍贯: 江苏
 6. 民族: 汉族
 7. 婚姻状况: 已婚
 8. 子女情况: 1子1女
 9. 健康状况: 良好
 10. 兴趣爱好: 读书, 运动
 11. 教育程度: 本科
 12. 工作单位: 某某中学
 13. 联系电话: 13800138000
 14. 电子邮箱: wangming@example.com
 15. 其他信息: 无

FIG. 34B

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Modes of Information Service in the Consumer Product Promotion Marketing.
Programming, Management and Delivery Subsystem (503)

Promoters

- Registration of Promoter/Creation of Promotion Account
- Log-in by Promoter
- Display Kiosk Promotional Directory Identifying CPI Kiosks on Which the Promoter is Authorized to Display Promotion on consumer Products
- Display Kiosks on Which the Promoter is Authorized to Display promotions on a Particular Brand or Brands of Consumer Products
- Register Kiosk Promotion Campaign to be Displayed on a Retailer-Authorized Subnetwork of CPI Kiosks
- Run and Display-Kiosk Promotion Campaign on Retailer-Authorized Subnetwork of CPI Kiosk Subnetwork
- Modify Instituted Kiosk Promotion Campaign
- Monitor Kiosk Promotion Campaign

FIG. 35

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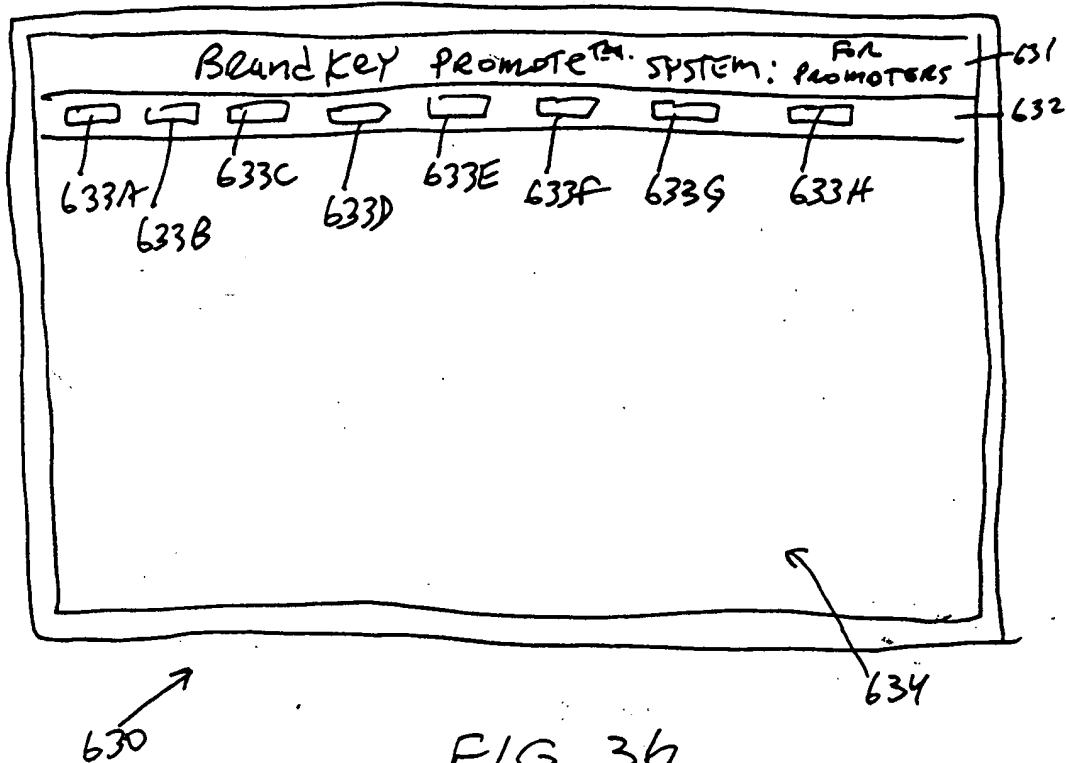


FIG. 36

DATA-PROCESSING METHOD APPLIED DURING THE GENERATION OF A
KIOSK PROMOTION DIRECTORY IDENTIFYING A DEPLOYED
NETWORK OF PHYSICAL AND VIRTUAL TYPES OF RETAILER-BASED CFI
KIOSKS ON WHICH PARTICULAR PROMOTERS AND PROMOTIONAL AGENTS
ARE AUTHORIZED BY RETAILERS TO DISPLAY PRODUCT PROMOTIONS IN
ACCORDANCE WITH THE PRINCIPLES OF THE PRESENT INVENTION

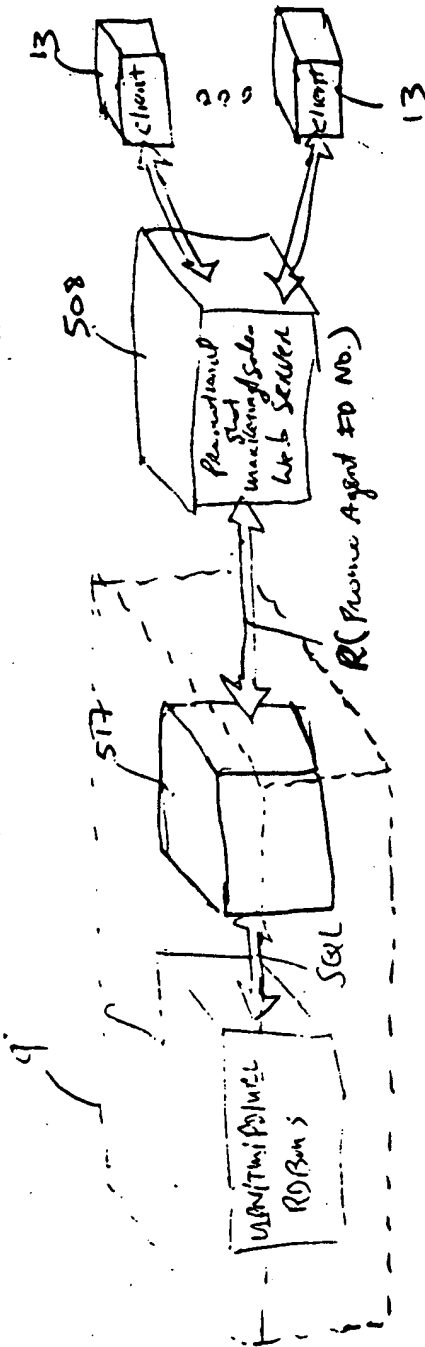


FIG. 37

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**DATA PROCESSING METHOD FOR GENERATING A GENERAL KIOSK
PROMOTION DIRECTORY WHICH INCLUDES ONLY (PHYSICAL AND
VIRTUAL) KIOSKS ON WHICH THE REGISTERED PROMOTER IS
AUTHORIZED BY RETAILERS TO PLACE PROMO SPOT ORDERS FOR
EXECUTION AND DISPLAY**

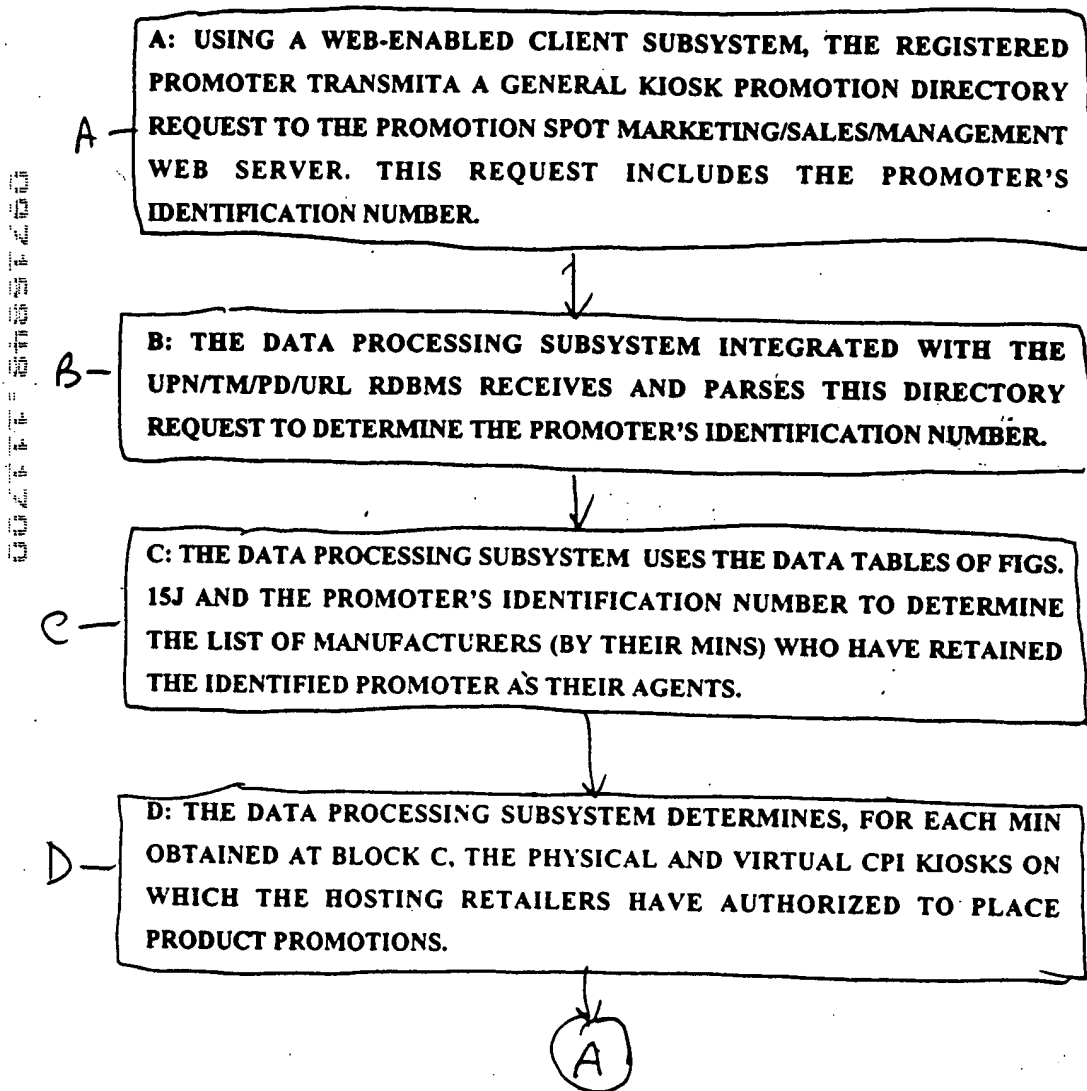


FIG. 38A

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A

E —

E: THE DATA PROCESSING SUBSYSTEM USES THE ASCERTAINED MINS AND MANUFACTURER AISLE/SHELF RIGHTS/PRIVILEGES RECORDED WITHIN THE UPN/TM/PD/URL RDBMS 9' TO DETERMINE THOSE PHYSICAL AND VIRTUAL CPI KIOSKS ON WHICH THE PROMOTER MAY PLACE PROMOTIONS ABOUT PRODUCTS OF MANUFACTURERS WHO HAVE BEEN GRANTED SUCH RIGHTS/PRIVILEGES. THIS LIST OF PHYSICAL AND VIRTUAL CPI KIOSKS IS THEN COMPILED TO PRODUCE THE GENERALIZED KIOSK PROMOTION DIRECTORY FOR TRANSMISSION TO THE REQUESTING ADVERTISER.

FIG. 38B

000145048 14700

DATA-PROCESSING METHOD APPLIED DURING THE GENERATION OF A KIOSK PROMOTION DIRECTORY IDENTIFYING A DEPLOYED NETWORK OF PHYSICAL AND VIRTUAL TYPES OF RETAILER-BASED CT KIOSKS ON WHICH A PARTICULAR PROMOTER OR PROMOTIONAL AGENT IS AUTHORIZED BY KIOSK-HOSTING RETAILERS TO DISPLAY PRODUCT PROMOTIONS REGARDING A PARTICULAR BRAND OF UPN-INDEXED CONSUMER PRODUCT IN ACCORDANCE WITH THE PRINCIPLES OF THE PRESENT INVENTION

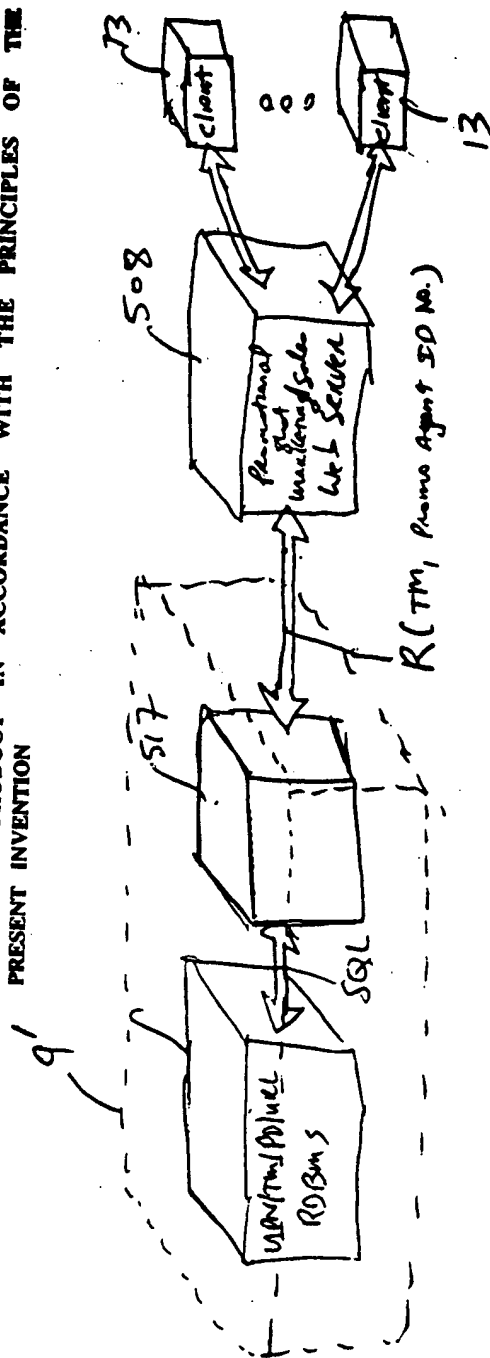


FIG. 39

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**DATA PROCESSING METHOD FOR GENERATING A BRAND KIOSK
PROMOTION DIRECTORY WHICH INCLUDES ONLY (PHYSICAL AND
VIRTUAL) KIOSKS ON WHICH THE REGISTERED PROMOTER IS
AUTHORIZED BY RETAILERS TO PLACE PROMOTION SPOT ORDERS FOR
EXECUTION AND DISPLAY**

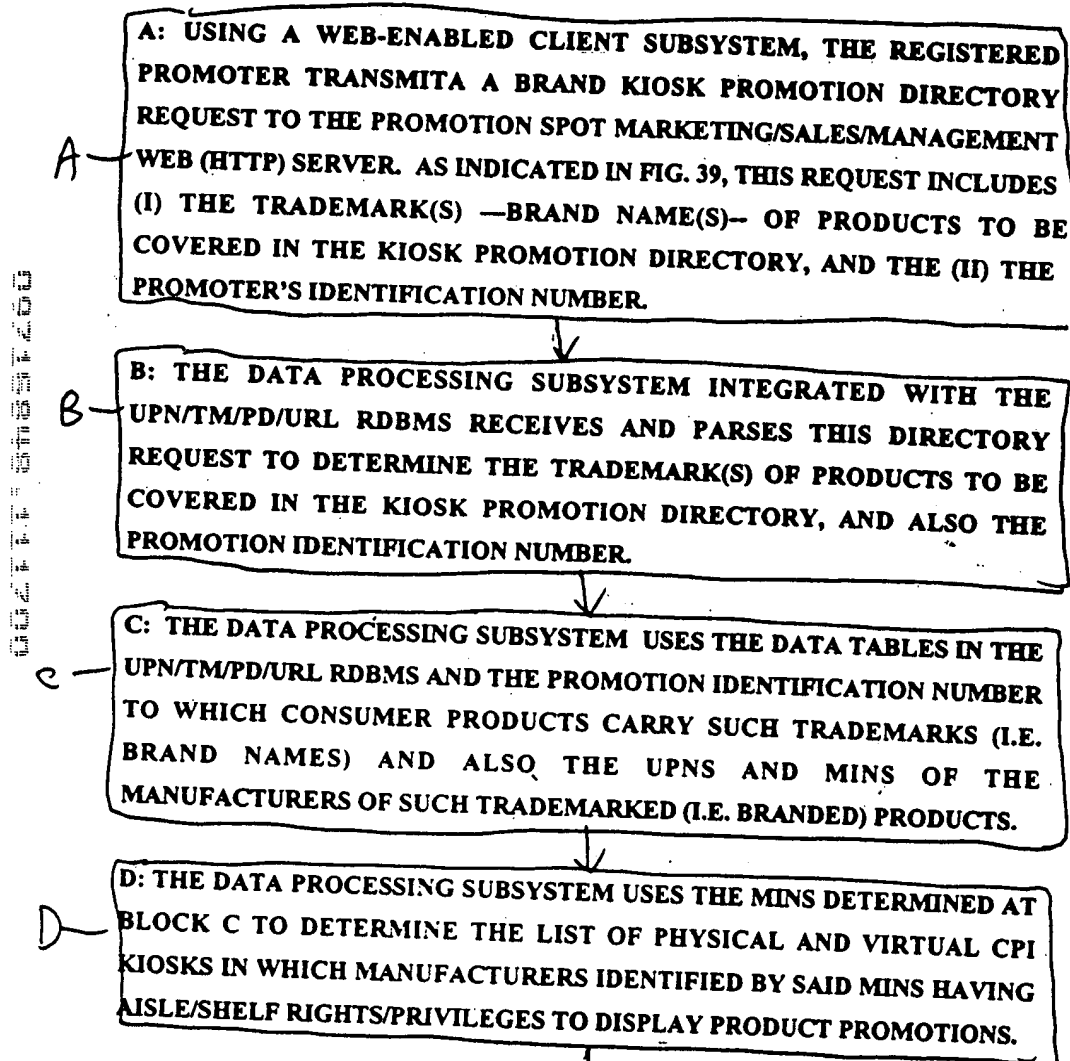


FIG. 40A

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(A)

E: THE DATA PROCESSING SUBSYSTEM USES THE LIST OF PHYSICAL AND VIRTUAL CPI KIOSKS ASCERTAINED AT BLOCK D TO COMPILE THE GENERALIZED KIOSK PROMOTION DIRECTORY FOR TRANSMISSION TO THE REQUESTING PROMOTER.

FIG. 40B

physical multi-mode (CPE) kiosk

FIG. 41

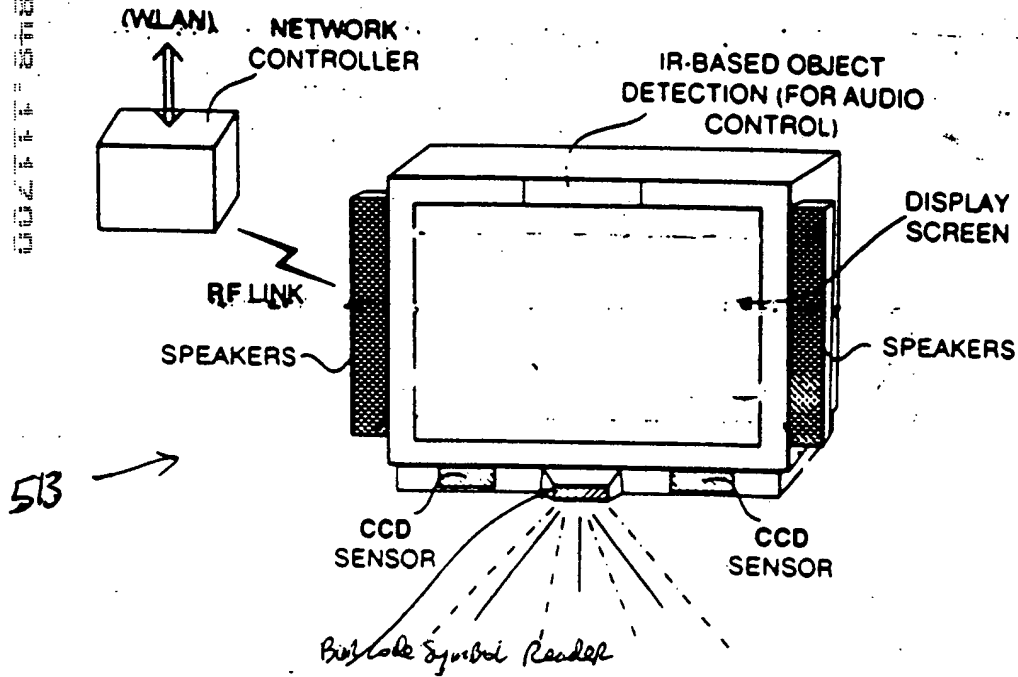


FIG. 41

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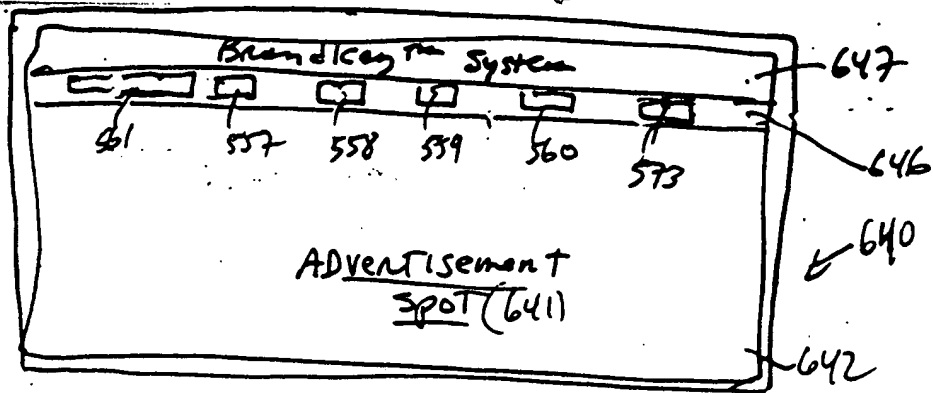


FIG. 42A

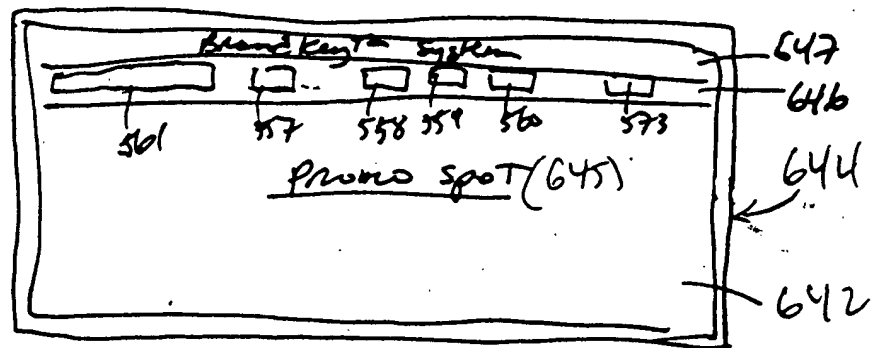


FIG. 42B

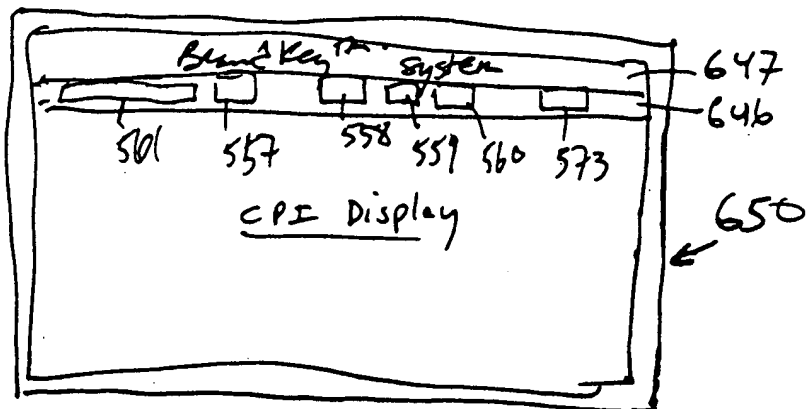


FIG. 42C

00716048-141700

BrandKey Create™, BrandKey Display™, BrandKey Promote™ and BrandKey Request™ Subsystems (505 502, 503, 504)



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